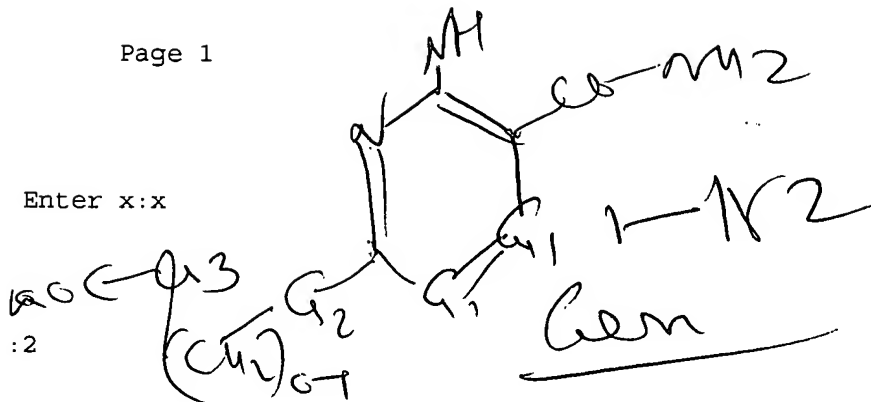


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NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Feb 24	PCTGEN now available on STN
NEWS 4	Feb 24	TEMA now available on STN
NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS 25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS 26	Jul 21	Identification of STN records implemented
NEWS 27	Jul 21	Polymer class term count added to REGISTRY
NEWS 28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS 29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS 30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE

NEWS 36 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:22:45 ON 29 AUG 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:22:55 ON 29 AUG 2003

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STRUCTURE FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

DICTIONARY FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

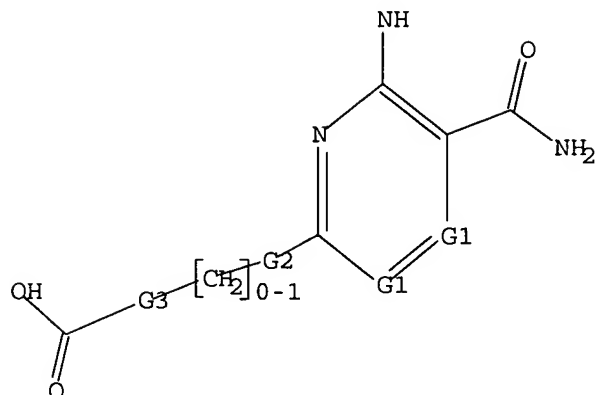
Uploading 10009276.3

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 N, CH

G2 O, S, N, SO₂, NH

G3 Cb, Cy, Hy, Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 10:23:23 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 133 TO ITERATE

100.0% PROCESSED 133 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

FILE 'MARPAT' ENTERED AT 10:23:40 ON 29 AUG 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS08) (20030822ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6596259 22 JUL 2003

DE 20300703 31 JUL 2003

EP 1331259 30 JUL 2003

JP 2003207510 25 JUL 2003

WO 2003061387 31 JUL 2003

Patel

8/29/2003>

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s ll sss full

FULL SEARCH INITIATED 10:23:48 FILE 'MARPAT'

FULL SCREEN SEARCH COMPLETED - 15150 TO ITERATE

7.6% PROCESSED 1147 ITERATIONS

1 ANSWERS

SEARCH INTERRUPTED

L3 QUERY CREATED

If this message appears repeatedly, please notify the Help Desk.

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=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.60

151.96

FILE 'MARPAT' ENTERED AT 10:28:45 ON 29 AUG 2003

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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS08) (20030822ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6596259 22 JUL 2003

DE 20300703 31 JUL 2003

EP 1331259 30 JUL 2003

JP 2003207510 25 JUL 2003

WO 2003061387 31 JUL 2003

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s ll sss full

FULL SEARCH INITIATED 10:28:57 FILE 'MARPAT'

FULL SCREEN SEARCH COMPLETED - 15150 TO ITERATE

6.4% PROCESSED 976 ITERATIONS

1 ANSWERS

13.0% PROCESSED 1964 ITERATIONS (3 INCOMPLETE)

6 ANSWERS

19.6% PROCESSED 2970 ITERATIONS (8 INCOMPLETE)

16 ANSWERS

29.6% PROCESSED 4491 ITERATIONS (23 INCOMPLETE)

38 ANSWERS

37.4% PROCESSED 5669 ITERATIONS (29 INCOMPLETE)

48 ANSWERS

50.7% PROCESSED 7687 ITERATIONS (40 INCOMPLETE)

65 ANSWERS

56.2% PROCESSED	8517 ITERATIONS	(47 INCOMPLETE)	72 ANSWERS
62.2% PROCESSED	9427 ITERATIONS	(56 INCOMPLETE)	83 ANSWERS
68.9% PROCESSED	10440 ITERATIONS	(69 INCOMPLETE)	99 ANSWERS
75.7% PROCESSED	11468 ITERATIONS	(82 INCOMPLETE)	112 ANSWERS
80.3% PROCESSED	12160 ITERATIONS	(89 INCOMPLETE)	122 ANSWERS
83.7% PROCESSED	12684 ITERATIONS	(93 INCOMPLETE)	127 ANSWERS
87.1% PROCESSED	13189 ITERATIONS	(104 INCOMPLETE)	139 ANSWERS
87.9% PROCESSED	13313 ITERATIONS	(106 INCOMPLETE)	141 ANSWERS
90.2% PROCESSED	13669 ITERATIONS	(112 INCOMPLETE)	147 ANSWERS
91.7% PROCESSED	13897 ITERATIONS	(117 INCOMPLETE)	152 ANSWERS
93.0% PROCESSED	14089 ITERATIONS	(121 INCOMPLETE)	156 ANSWERS
94.4% PROCESSED	14301 ITERATIONS	(127 INCOMPLETE)	163 ANSWERS
96.1% PROCESSED	14556 ITERATIONS	(130 INCOMPLETE)	167 ANSWERS
97.1% PROCESSED	14704 ITERATIONS	(132 INCOMPLETE)	170 ANSWERS
98.3% PROCESSED	14900 ITERATIONS	(134 INCOMPLETE)	173 ANSWERS
98.6% PROCESSED	14931 ITERATIONS	(136 INCOMPLETE)	175 ANSWERS
98.9% PROCESSED	14980 ITERATIONS	(137 INCOMPLETE)	176 ANSWERS
98.9% PROCESSED	14986 ITERATIONS	(137 INCOMPLETE)	176 ANSWERS
99.0% PROCESSED	15001 ITERATIONS	(138 INCOMPLETE)	177 ANSWERS
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99.4% PROCESSED	15063 ITERATIONS	(141 INCOMPLETE)	180 ANSWERS
99.4% PROCESSED	15066 ITERATIONS	(141 INCOMPLETE)	180 ANSWERS
99.5% PROCESSED	15069 ITERATIONS	(141 INCOMPLETE)	180 ANSWERS
99.7% PROCESSED	15112 ITERATIONS	(142 INCOMPLETE)	181 ANSWERS
99.8% PROCESSED	15125 ITERATIONS	(142 INCOMPLETE)	181 ANSWERS
100.0% PROCESSED	15150 ITERATIONS	(143 INCOMPLETE)	182 ANSWERS

SEARCH TIME: 00.11.56

L4 182 SEA SSS FUL L1

=> s l4 and modulators of cell regulation
L5 0 L4 AND MODULATORS OF CELL REGULATION

=> d l4 1-182

L4 ANSWER 1 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 138:387140 MARPAT
TI Heterogeneous Diels-Alder reaction zeolitic catalysts
IN Caplan, Neil Aubrey; Hancock, Frederick Ernest
PA Johnson Matthey PLC, UK
SO PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003039746	A1	20030515	WO 2002-GB4928	20021031
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI GB 2001-26935 20011109

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
AN 138:338160 MARPAT
TI Preparation of diaminopyrimidines as inhibitors of .beta. amyloid formation or its release
IN Himmelsbach, Frank; Fuchs, Klaus; Briem, Hans; Fechteler, Katja; Kostka, Markus; Dorner-Ciossek, Cornelia; Bornemann, Klaus; Klinder, Klaus
PA Boehringer Ingelheim Pharma K.-G., Germany
SO PCT Int. Appl., 88 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003032994	A2	20030424	WO 2002-EP11345	20021010
	WO 2003032994	A3	20030612		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

US 2003134838 A1 20030717 US 2002-272160 20021016
PRAI US 2001-330128P 20011017

L4 ANSWER 3 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
AN 138:321580 MARPAT
TI Preparation of cross-linked glycopeptide-cephalosporin derivatives as
antibiotics
IN Fatheree, Paul; Linsell, Martin S.; Long, Daniel D.; Marquess, Daniel;
Moran, Edmund J.; Nodwell, Matthew B.; Turner, S. Derek; Aggen, James
PA Theravance, Inc., USA
SO PCT Int. Appl., 75 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003031449	A2	20030417	WO 2002-US32534	20021011
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003130173	A1	20030710	US 2002-269471	20021011
PRAI US 2001-328889P		20011012		

L4 ANSWER 4 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
AN 138:321292 MARPAT
TI Preparation of 2,4,5-trisubstituted pyrimidines as cyclin dependent kinase
inhibitors
IN Dahmann, Georg; Himmelsbach, Frank; Wittneben, Helmut; Pautsch, Alexander;
Prokopowicz, Anthony S.; Krist, Bernd; Schnapp, Gisela; Steegmaier,
Martin; Lenter, Martin; Schoop, Andreas; Steurer, Steffen; Spevak, Walter
PA Boehringer Ingelheim Pharma K.-G., Germany; Boehringer Ingelheim
Pharmaceuticals, Inc.; Boehringer Ingelheim International G.m.b.H.
SO PCT Int. Appl., 278 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003032997	A1	20030424	WO 2002-EP11453	20021014
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				

UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

PRAI US 2001-330145P 20011017

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 138:271682 MARPAT

TI Preparation of cyclic hydroxamic acids as inhibitors of matrix
metalloproteinases and/or TNF-.alpha. converting enzyme for treatment of
inflammatory disorders

IN Ott, Gregory; Chen, Xiao-Tao; Duan, Jingwu; Lu, Zhonghui

PA Bristol-Myers Squibb Company, USA

SO PCT Int. Appl., 344 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003024899	A2	20030327	WO 2002-US29685	20020916
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003139388	A1	20030724	US 2002-244626	20020916

PRAI US 2001-322630P 20010917

L4 ANSWER 6 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 138:238028 MARPAT

TI Preparation of substituted indeno[1,2-c]isoquinoline derivatives for the
treatment of inflammatory disease or reperfusion disease

IN Jagtap, Prakash G.; Baloglu, Erkan; Van Duzer, John H.; Szabo, Csaba;
Salzman, Andrew L.

PA Inotek Pharmaceuticals Corporation, USA

SO PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003020700	A2	20030313	WO 2002-US27585	20020830
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG

US 2003096833 A1 20030522 US 2001-944524 20010831
 PRAI US 2001-944524 20010831

L4 ANSWER 7 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 138:222968 MARPAT

TI Dipyrromethene metal complex mixture for dyes and optical recording media
 using them

IN Nishimoto, Taizo; Inoue, Shinobu; Misawa, Tsutayoshi

PA Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.

SO Jpn. Kokai Tokkyo Koho, 26 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003073574	A2	20030312	JP 2001-263306	20010831
PRAI	JP 2001-263306		20010831		

L4 ANSWER 8 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 138:204941 MARPAT

TI Preparation of indol-5-ylureas and relate compounds for the treatment of
 obesity and type II diabetes

IN Schwink, Lothar; Stengelin, Siegfried; Gossel, Matthias

PA Aventis Pharma Deutschland G.m.b.H., Germany

SO PCT Int. Appl., 77 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003015769	A1	20030227	WO 2002-EP8686	20020803
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

DE 10139416 A1 20030306 DE 2001-10139416 20010817

PRAI DE 2001-10139416 20010817

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 138:170464 MARPAT

TI Preparation of conformationally constrained 1,3-bicyclic L-nucleosides

IN Ramasamy, Kanda S.

PA USA

SO U.S., 18 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6525191	B1	20030225	US 2000-569183	20000511
	US 2003144501	A1	20030731	US 2003-367284	20030214
PRAI	US 1999-133551P		19990511		
	US 2000-569183		20000511		

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 138:82466 MARPAT

TI Preparation of new chiral transition metal salen catalysts and methods for
the preparation of chiral compounds from racemic epoxides by using the new
catalysts

IN Kim, Geon-Joong; Lee, Ho-Seong; Kim, Ho-Cheol; Yun, Jin-Won; Kim,
Seong-Jin

PA RS Tech Corp., S. Korea

SO PCT Int. Appl., 63 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003002582	A1	20030109	WO 2002-KR1219	20020626
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP	1292602	A1	20030319	EP 2002-743918	20020626
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRAI KR 2001-37081 20010627

KR 2002-35467 20020624

WO 2002-KR1219 20020626

OS CASREACT 138:82466

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 138:40709 MARPAT
TI Amorphous dipyrromethene-metal chelate compounds with good solubility and their manufacture
IN Nishimoto, Taizo; Misawa, Tsutayoshi; Kato, Kenichi; Kumagaya, Yojiro
PA Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.
SO Jpn. Kokai Tokkyo Koho, 24 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002363437	A2	20021218	JP 2001-174319	20010608
PRAI	JP 2001-174319		20010608		
OS	CASREACT 138:40709				

L4 ANSWER 12 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 137:384751 MARPAT
TI 7,8-Fused 4(H)-chromenes as activators of caspases and inducers of apoptosis
IN Cai, Sui Xiong; Xu, Lifan; Storer, Richard; Attardo, Giorgio
PA Cytovia, Inc., USA
SO PCT Int. Appl., 56 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002092083	A1	20021121	WO 2002-US15398	20020516
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2001-290976P		20010516		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 137:358134 MARPAT
TI Preparation of azo compound conjugates with bombesin for type I phototherapy
IN Rajagopalan, Raghavan; Cantrell, Gary L.; Bugaj, Joseph E.; Achilefu, Samuel I.; Dorshow, Richard B.
PA Mallinckrodt Inc., USA
SO U.S. Pat. Appl. Publ., 12 pp.
CODEN: USXXCO

DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI  US 2002164287      A1   20021107      US 2001-849163      20010504
    US 6485704         B1   20021126
    WO 2002089858      A1   20021114      WO 2002-US12217      20020418
      W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
        CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
        GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
        LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
        PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
        UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
        TJ, TM
      RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
        CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
        BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
    US 2003072763      A1   20030417      US 2002-272123      20021015
PRAI US 2001-849163      20010504

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L4 ANSWER 14 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)
 AN 137:339159 MARPAT
 TI Ink-jet ink sets and printing method
 IN Evans, Steven; Grady, Barbara L.; Romano, Charles E., Jr.
 PA Eastman Kodak Company, USA
 SO Eur. Pat. Appl., 12 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1254933	A2	20021106	EP 2002-76578	20020422
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 6508549	B1	20030121	US 2001-848081	20010503
	US 6513923	B1	20030204	US 2001-848082	20010503
	JP 2003034765	A2	20030207	JP 2002-130733	20020502
PRAI	US 2001-848081		20010503		
	US 2001-848082		20010503		

L4 ANSWER 15 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 137:326554 MARPAT
 TI Pyrazole azo dyes, their production and coupling agents therefor
 IN Fujiwara, Toshiki; Hanaki, Naoyuki; Tanaka, Shigeaki; Omatsu, Tadashi; Yabuki, Yoshiharu
 PA Fuji Photo Film Co., Ltd., Japan
 SO PCT Int. Appl., 137 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002083662	A2	20021024	WO 2002-JP3491	20020408
	WO 2002083662	A3	20030306		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,				

PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
 UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

JP 2002322151 A2 20021108 JP 2001-126239 20010424
 JP 2002371079 A2 20021226 JP 2002-12108 20020121

PRAI JP 2001-110458 20010409
 JP 2001-126239 20010424
 JP 2002-12108 20020121

L4 ANSWER 16 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 137:310927 MARPAT

TI Preparation of pyrimidinyl-amido-aryl(thio)oxy carboxylic acids as
 hypolipidemic agents

IN Iqbal, Javed; Gurram, Ranga Madhavan; Das, Saibal Kumar; Bhuniya, Debnath;
 Chakrabarti, Ranjan; Ramanujam, Rajagopalan

PA Reddy's Laboratories Ltd., India

SO PCT Int. Appl., 147 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002081454	A1	20021017	WO 2002-IB1104	20020408
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003013729	A1	20030116	US 2002-119300	20020408

PRAI IN 2001-MA301 20010409

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 137:279419 MARPAT

TI Preparation of neuraminic acids and analogs useful for inhibiting
 paramyxovirus neuraminidase

IN Chand, Pooran; Babu, Yarlagadda S.; Rowland, Scott R.; Lin, Tsu-Hsing

PA Biocryst Pharmaceuticals, Inc., USA

SO PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002076971	A1	20021003	WO 2002-US7052	20020308
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,				

HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2001-273952P 20010308

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 137:262960 MARPAT

TI Preparation of spiro-cyclic .beta.-amino acid derivatives as inhibitors of
 matrix metalloproteinases and TNF-.alpha. converting enzyme (TACE)

IN Ott, Gregory R.; Chen, Xiaotao; Duan, Jingwu; Voss, Matthew E.

PA Bristol-Myers Squibb Company, USA

SO PCT Int. Appl., 187 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002074738	A2	20020926	WO 2002-US7652	20020312
	WO 2002074738	A3	20030403		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003087882	A1	20030508	US 2002-96804	20020312
PRAI	US 2001-275898P		20010315		

L4 ANSWER 19 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 137:232544 MARPAT

TI Tricycloalkatrienes as non-nucleoside reverse transcriptase inhibitors

IN Lindstroem, Stefan; Sahlberg, Christer; Wallberg, Hans; Kalyanov, Genaidy;
 Oden, Lourdes; Naeslund, Lotta

PA Medivir AB, Swed.

SO PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002070516	A2	20020912	WO 2002-EP2328	20020304
	WO 2002070516	A3	20030206		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,			

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2003069224 A1 20030410 US 2002-92752 20020305

PRAI SE 2001-733 20010305

L4 ANSWER 20 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 137:202818 MARPAT

TI Ink-jet printing method using metal complex colorant and antikogating agent in ink-jet ink composition

IN Erdtmann, David; Evans, Steven; Lopez, Edgardo; Van Hanehem, Richard C.

PA Eastman Kodak Company, USA

SO Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1239012	A2	20020911	EP 2002-75601	20020214
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2002157566	A1	20021031	US 2001-794604	20010227
US 6524378	B2	20030225		
JP 2002348511	A2	20021204	JP 2002-47848	20020225
PRAI US 2001-794604		20010227		

L4 ANSWER 21 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 137:201318 MARPAT

TI Preparation of tricyclic quinolinone androgen receptor modulator compounds

IN Higuchi, Robert I.; Zhi, Lin; Karanewsky, Donald S.; Thompson, Anthony W.; Caferro, Thomas R.; Mani, Neelakandha S.; Chen, Jyun-Hung; Cummings, Marquis L.; Edwards, James P.; Adams, Mark E.; Deckhut, Charlotte L. F.

PA Ligand Pharmaceuticals Incorporated, USA

SO PCT Int. Appl., 142 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002068427	A1	20020906	WO 2002-IB538	20020223
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002183314	A1	20021205	US 2002-80503	20020222

PRAI US 2001-271115P 20010223

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 22 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 137:187172 MARPAT

TI Ink-jet ink composition comprising metal complex of 8-heterocyclylazo-5-hydroxy-quinoline and anti-kogation materials

IN Erdtmann, David; Lopez, Edgardo; Van Hanehem, Richard C.; Evans, Steven

PA Eastman Kodak Company, USA

SO Eur. Pat. Appl., 14 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1234860	A1	20020828	EP 2002-75634	20020215
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	US 2002157567	A1	20021031	US 2001-794608	20010227
	US 6527844	B2	20030304		
	JP 2002294125	A2	20021009	JP 2002-47856	20020225

PRAI US 2001-794608 20010227

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 23 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 137:154856 MARPAT

TI Preparation of N-indanyl sulfonamides as potassium channel inhibitors

IN Beaudoin, Serge; Reed, Aimee D.; Gross, Michael

PA Icagen Incorporated, USA

SO PCT Int. Appl., 72 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002060874	A1	20020808	WO 2001-US48601	20011219
	WO 2002060874	C1	20030220		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002161011	A1	20021031	US 2001-4867	20011207

PRAI US 2000-256926P 20001221

US 2001-4867 20011207

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 24 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 137:119703 MARPAT
TI Use of noncompetitive and selective GluR5 antagonists as glutamate
receptor-modulating compounds, and therapeutic use
IN Peters, Dan; Nielsen, Elsebet Ostergaard; Gouliaev, Alex Haahr
PA Neurosearch A/S, Den.
SO PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002058691	A1	20020801	WO 2002-DK46	20020123
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI DK	2001-117		20010123		
RE.CNT	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 25 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
AN 137:93690 MARPAT
TI Preparation of nicotinamilide-N-oxides as G-protein-coupled receptor
antagonist for the treatment of inflammation due to neutrophil chemotaxis
IN Cutshall, Neil S.; Yager, Kraig M.
PA Darwin Discovery Ltd., UK
SO PCT Int. Appl., 73 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053544	A1	20020711	WO 2001-US47543	20011212
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US	2003004189	A1	20030102	US 2001-15861	20011212
PRAI US	2000-258730P		20001229		
RE.CNT	13	THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 26 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 137:51985 MARPAT
 TI Oxidative hair dyes containing oxidative enzymes
 IN Rozzell, David; Sauter, Guido; Braun, Hans-Juergen
 PA Wella Aktiengesellschaft, Germany
 SO PCT Int. Appl., 36 pp.
 CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002047633	A2	20020620	WO 2001-EP11493	20011005
	WO 2002047633	A3	20030313		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	DE 10062086	A1	20020704	DE 2000-10062086	20001213
	AU 2002023590	A5	20020624	AU 2002-23590	20011005
	BR 2001008212	A	20030305	BR 2001-8212	20011005
	US 2003041391	A1	20030306	US 2002-181572	20020718
PRAI	DE 2000-10062086		20001213		
	WO 2001-EP11493		20011005		

L4 ANSWER 27 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 136:401769 MARPAT

TI Preparation of 4-heterocyclylphenylacetohydrazide derivatives having blood lipid-lowering activity

IN Suga, Akira; Imanishi, Naoki; Kubota, Hideki; Miura, Toshinori; Moritani, Hiroshi; Matsuda, Kouyou

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 21 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002155080	A2	20020528	JP 2000-355446	20001122
PRAI	JP 2000-355446		20001122		

L4 ANSWER 28 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 136:355236 MARPAT

TI Preparation of imidazopyridine derivatives as antitumor agents

IN Hayakawa, Ichiro; Sugano, Yuichi; Agatsuma, Toshinori; Furukawa, Hidehiko; Kurakata, Shinichi; Naruto, Shunji

PA Sankyo Company, Limited, Japan

SO PCT Int. Appl., 371 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002034748	A1	20020502	WO 2001-JP9258	20011022
	W: AU, BR, CA, CN, CO, CZ, HU, ID, IL, IN, KR, MX, NO, NZ, PH, PL, RU, SG, SK, US, VN, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	AU 2001095992	A5	20020506	AU 2001-95992	20011022
	JP 2002255964	A2	20020911	JP 2001-325843	20011024
PRAI	JP 2000-324043		20001024		
	JP 2000-392331		20001225		
	WO 2001-JP9258		20011022		
RE.CNT	3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD				
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 29 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)
 AN 136:340696 MARPAT
 TI Preparation of substituted quinazoline derivatives
 IN Gletsos, Constantine
 PA American Home Products Corporation, USA
 SO U.S., 9 pp., Cont. of U.S. Ser. No. 363,521, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6384223	B1	20020507	US 2000-564491	20000504
PRAI	US 1998-112023P		19980730		
	US 1999-363521		19990729		
OS	CASREACT 136:340696				
RE.CNT	7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD				
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 30 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)
 AN 136:325565 MARPAT
 TI Preparation of 3,4-dihydropyrimido[1,2-a]pyrimidines and 3,4-dihydropyrazino[1,2-a]pyrimidines as analgesics
 IN Gerlach, Matthias; Maul, Corinna; Jagusch, Utz-Peter
 PA Gruenenthal GmbH, Germany
 SO PCT Int. Appl., 60 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002030934	A1	20020418	WO 2001-EP11702	20011010
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				

BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
DE 10050661 A1 20020418 DE 2000-10050661 20001013
AU 2002014007 A5 20020422 AU 2002-14007 20011010
EP 1325010 A1 20030709 EP 2001-982417 20011010
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
NO 2003001588 A 20030408 NO 2003-1588 20030408
PRAI DE 2000-10050661 20001013
WO 2001-EP11702 20011010
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 31 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 136:309934 MARPAT
TI Preparation of 3,4-dihydropyrido[1,2-a]pyrimidines as analgesics
IN Gerlach, Matthias; Maul, Corinna; Jagusch, Utz-Peter
PA Gruenenthal GmbH, Germany
SO PCT Int. Appl., 139 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002030933	A1	20020418	WO 2001-EP11700	20011010
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10050662	A1	20020418	DE 2000-10050662	20001013
AU 2002010526	A5	20020422	AU 2002-10526	20011010
BR 2001014734	A	20030701	BR 2001-14734	20011010
EP 1326866	A1	20030716	EP 2001-978402	20011010
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
NO 2003001412	A	20030422	NO 2003-1412	20030327
PRAI DE 2000-10050662		20001013		
WO 2001-EP11700		20011010		
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 32 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 136:279340 MARPAT
TI Preparation of cannabichromenes as antivirals
IN Travis, Craig R.
PA Immugen Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002026728	A2	20020404	WO 2001-US42368	20010928
	WO 2002026728	A3	20020906		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2002013429	A5	20020408	AU 2002-13429	20010928
	US 2002068738	A1	20020606	US 2001-967341	20010928
	US 6541510	B2	20030401		
PRAI	US 2000-236425P		20000928		
	WO 2001-US42368		20010928		

L4 ANSWER 33 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 136:263165 MARPAT

TI Preparation of 1,2,3,4-tetrahydronaphthalenecarboxamide, 1,2,3,4-tetrahydroquinolinecarboxamide, indanecarboxamides, thiochromancarboxamide, and chromancarboxamide derivatives as C5a receptor antagonists and medicinal use thereof

IN Nakamura, Mitsuharu; Kamahori, Takao; Ishibuchi, Seigo; Naka, Yoichi; Sumichika, Hiroshi; Itoh, Katsuhiko

PA Mitsubishi Pharma Corporation, Japan

SO PCT Int. Appl., 415 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002022556	A1	20020321	WO 2001-JP7977	20010914
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2001088045	A5	20020326	AU 2001-88045	20010914
	EP 1318140	A1	20030611	EP 2001-967682	20010914
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRAI	JP 2000-280540		20000914		
	JP 2000-386813		20001220		
	WO 2001-JP7977		20010914		

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 34 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 136:183832 MARPAT

TI Preparation of triazolopyrid(az)ines as herbicides and pesticides
 IN Alig, Bernd; Marhold, Albrecht; Mueller, Peter; Wolfrum, Peter; Drewes, Mark Wilhelm; Dahmen, Peter; Feucht, Dieter; Pontzen, Rolf; Erdelen, Christoph; Loesel, Peter; Andersch, Wolfram
 PA Bayer Aktiengesellschaft, Germany
 SO PCT Int. Appl., 166 pp.
 CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002012236	A1	20020214	WO 2001-EP8480	20010723
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10038019	A1	20020214	DE 2000-10038019	20000804

PRAI DE 2000-10038019 20000804

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 35 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 136:118577 MARPAT

TI Preparation of 1,3,2-oxazaphosphacycloalkane derivatives as matrix metalloproteinase inhibitors

IN Sorensen, Morten Dahl; Blaehr, Lars Kristian Albert; Christensen, Mette Knak

PA Leo Pharmaceutical Products Ltd. A/S (Lovens Kemiske Fabrik Produktionsaktieselskab), Den.

SO PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002006293	A1	20020124	WO 2001-DK464	20010703
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1303527	A1	20030423	EP 2001-949275	20010703
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001012558	A	20030722	BR 2001-12558	20010703
US 2002103166	A1	20020801	US 2001-899017	20010706
US 6521606	B2	20030218		

PRAI US 2000-219031P 20000718
WO 2001-DK464 20010703

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 36 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 136:53771 MARPAT

TI Preparation of cyclic urea compounds

IN Rodriguez, Marc; Guichard, Gilles; Plaue, Serge; Semetey, Vincent;
Schaffner, Arnaud-Pierre; Briand, Jean-Paul

PA Centre National de la Recherche Scientifique, Fr.; Neosystem;
Galas-Rodriguez, Marie-Christine; Rodriguez, Pierre; Rodriguez, Elisa;
Rodriguez, Romain

SO PCT Int. Appl., 103 pp.
CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2001096318	A1	20011220	WO 2001-FR1837	20010613
	WO 2001096318	C1	20030501		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	FR 2810039	A1	20011214	FR 2000-7507	20000613
	EP 1289968	A1	20030312	EP 2001-945420	20010613
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			

PRAI FR 2000-7507 20000613
WO 2001-FR1837 20010613

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 37 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 135:371756 MARPAT

TI Preparation of prodrugs of HIV replication inhibiting pyrimidines

IN Kukla, Michael Joseph; Ludovici, Donald William; Kavash, Robert W.; De Corte, Bart Lieven Daniel; Heeres, Jan; Janssen, Paul Adriaan Jan; Koymans, Lucien Maria Henricus; De Jonge, Marc Rene; Van Aken Koen, Jeanne Alfons; Krief, Alain

PA Janssen Pharmaceutica N.V., Belg.

SO PCT Int. Appl., 55 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2001085699	A2	20011115	WO 2001-EP4990	20010503
	WO 2001085699	A3	20020228		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
 HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
 LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
 RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
 VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1282607 A2 20030212 EP 2001-933925 20010503
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 PRAI US 2000-202471P 20000508
 WO 2001-EP4990 20010503

L4 ANSWER 38 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 135:344472 MARPAT

TI Preparation of 6-(5-oxazolyl)-4(1H)-quinolinones as inhibitors of IMPDH enzyme

IN Iwanowicz, Edwin J.; Watterson, Scott H.; Dhar, T. G. Murali; Pitts, William J.; Gu, Henry H.

PA Bristol-Myers Squibb Company, USA

SO PCT Int. Appl., 263 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081340	A2	20011101	WO 2001-US12900	20010419
	WO 2001081340	A3	20020523		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1276739	A2	20030122	EP 2001-928708	20010419	
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2002040022	A1	20020404	US 2001-840503	20010423	
PRAI US 2000-199420P	20000424				
WO 2001-US12900	20010419				

L4 ANSWER 39 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 135:289060 MARPAT

TI Preparation of peptides as inhibitors of serine proteases, particularly hepatitis C virus NS3 protease

IN Perni, Robert; Court, John; O'malley, Ethan; Bhisetti, Govinda Rao

PA Vertex Pharmaceuticals Incorporated, USA

SO PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001074768	A2	20011011	WO 2001-US10367	20010329
	WO 2001074768	A3	20020606		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1268519	A2	20030102	EP 2001-924516	20010329
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRAI	US 2000-194563P	20000403			
	US 2000-198330P	20000418			
	WO 2001-US10367	20010329			

L4 ANSWER 40 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 135:272960 MARPAT

TI Preparation of N-heterocyclic derivatives as NOS inhibitors

IN Davey, David D.; Pham, Eric; Phillips, Gary B.; Xu, Wei

PA Schering Aktiengesellschaft, Germany

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001072744	A1	20011004	WO 2001-US9481	20010326
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2002010190	A1	20020124	US 2001-814787	20010322
	US 6525051	B2	20030225		
	EP 1268471	A1	20030102	EP 2001-918958	20010326
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	NO 2002004614	A	20021126	NO 2002-4614	20020926
PRAI	US 2000-192168P	20000327			
	US 2001-814787	20010322			
	WO 2001-US9481	20010326			

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 41 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 135:258549 MARPAT
 TI Black trisazo metal complex dyes, their production and their use
 IN Geisenberger, Josef; Wuzik, Andreas
 PA Clariant GmbH, Germany
 SO Ger. Offen., 12 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10015004	A1	20010927	DE 2000-10015004	20000325
	WO 2001072906	A2	20011004	WO 2001-EP2487	20010306
	WO 2001072906	A3	20020314		
	W: BR, CA, JP, KR				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1268674	A2	20030102	EP 2001-925375	20010306
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	BR 2001009552	A	20030610	BR 2001-9552	20010306
	US 2001027734	A1	20011011	US 2001-816180	20010323
PRAI	DE 2000-10015004		20000325		
	WO 2001-EP2487		20010306		

L4 ANSWER 42 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 135:226878 MARPAT
 TI Synthesis of N-benzyl-indolyl(benzyloxy)amido derivatives as PDE-IV inhibitors
 IN Labelle, Marc; Sturino, Claudio; Lachance, Nicolas; MacDonald, Dwight
 PA Merck Frosst Canada + Co., Can.
 SO PCT Int. Appl., 75 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064639	A2	20010907	WO 2001-CA270	20010302
	WO 2001064639	A3	20020228		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2002068756	A1	20020606	US 2001-797083	20010301
	US 6436965	B2	20020820		
	EP 1263728	A2	20021211	EP 2001-913422	20010302
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003525273	T2	20030826	JP 2001-563482	20010302
PRAI	US 2000-186571P		20000302		
	WO 2001-CA270		20010302		

L4 ANSWER 43 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 135:226826 MARPAT

TI Synthesis of epothilones, intermediates and analogs for use in treatment of cancers with multidrug resistant phenotype

IN Danishefsky, Samuel J.; Lee, Chul Bom; Chappell, Mark; Stachel, Shawn; Chou, Ting-chao

PA Sloan-Kettering Institute for Cancer Research, USA

SO PCT Int. Appl., 234 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064650	A2	20010907	WO 2001-US6643	20010301
	WO 2001064650	A3	20020510		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2002058817	A1	20020516	US 2001-796959	20010301
	EP 1259490	A2	20021127	EP 2001-916335	20010301
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRAI	US 2000-185968P		20000301		
	US 2000-250447P		20001130		
	WO 2001-US6643		20010301		
OS	CASREACT 135:226826				

L4 ANSWER 44 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 135:218779 MARPAT

TI Dipyrromethene-metal chelate compound and optical recording medium using thereof

IN Nishimoto, Taizo; Tsukahara, Hisashi; Inoue, Shinobu; Ogiso, Akira; Misawa, Tsutami; Koike, Tadashi

PA Mitsui Chemicals, Inc., Japan; Yamamoto Chemicals, Inc.

SO Eur. Pat. Appl., 49 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1130584	A2	20010905	EP 2001-104471	20010228
	EP 1130584	A3	20020508		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	US 2002048645	A1	20020425	US 2001-793083	20010227
	JP 2002212456	A2	20020731	JP 2001-52523	20010227
	CN 1317789	A	20011017	CN 2001-116852	20010228
PRAI	JP 2000-51242		20000228		

JP 2000-351399 20001117

L4 ANSWER 45 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
AN 135:152963 MARPAT
TI Scalable process for making geminal bisphosphonates from aminocarboxylic acids, phosphorous acid and phosphorus trihalide or oxytrihalide in presence of base
IN Cazer, Fredrick Dana; Perry, Gregory Eugene; Billings, Dennis Michael; Cramer, William Douglas
PA Procter & Gamble Company, USA
SO PCT Int. Appl., 17 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001057052	A1	20010809	WO 2001-US3309	20010201
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2001041690	A1	20011115	US 2001-771899	20010129
	US 6562974	B2	20030513		
	EP 1252169	A1	20021030	EP 2001-908779	20010201
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	BR 2001007952	A	20030225	BR 2001-7952	20010201
	JP 2003522181	T2	20030722	JP 2001-557883	20010201
	NO 2002003646	A	20020930	NO 2002-3646	20020731
PRAI	US 2000-179506P	20000201			
	WO 2001-US3309	20010201			

OS CASREACT 135:152963

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 46 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 135:122505 MARPAT
TI Preparation of imidazopyridines and related azacyclic compounds as selective modulators of bradykinin B2 receptors
IN Peterson, John M.; Hutchison, Alan; Shaw, Kenneth; Hodgetts, Kevin J.; Maynard, George D.; Lew, Richard
PA Neurogen Corporation, USA
SO PCT Int. Appl., 94 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001053298	A1	20010726	WO 2001-US1601	20010117

WO 2001053298 C2 20021017

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6420365

B1 20020716

US 2001-765159

20010117

PRAI US 2000-176701P 20000118

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 47 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 135:46002 MARPAT

TI Synthesis and use of amidino/guanidino-arylamino salicylamides as serine protease inhibitors for treatment of cancer related disorders

IN Allen, Darin Arthur; McGee, Danny Peter Claude; Spencer, Jeffrey R.

PA Axys Pharmaceuticals, Inc., USA

SO PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001044172	A1	20010621	WO 2000-US34211	20001214

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002052343 A1 20020502 US 2000-737687 20001214

EP 1242366 A1 20020925 EP 2000-984472 20001214

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

PRAI US 1999-170916P 19991215

WO 2000-US34211 20001214

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 48 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 135:19441 MARPAT

TI Preparation and use of .beta.-amino acid-, aspartic acid- and diaminopropionic-based benzamides as inhibitors of factor Xa

IN Zhu, Bing-yan; Wang, Lingyan; Huang, Wenrong; Wu, Yanhong; Fan, Jingmei;
Su, Ting; Scarborough, Robert

PA Cor Therapeutics, Inc., USA

SO PCT Int. Appl., 127 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001038309	A1	20010531	WO 2000-US31520	20001117
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1235807	A1	20020904	EP 2000-980439	20001117
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003514897	T2	20030422	JP 2001-540072	20001117
PRAI	US 1999-167240P		19991124		
	WO 2000-US31520		20001117		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 49 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
AN 134:359319 MARPAT
TI Organic electroluminescent device
IN Kitazawa, Daisuke; Makiyama, Akira; Kohama, Toru
PA Toray Industries, Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001135480	A2	20010518	JP 1999-312188	19991102
PRAI	JP 1999-312188		19991102		

L4 ANSWER 50 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:353297 MARPAT
TI Preparation of thienopyridines and thienopyrimidines as cell adhesion-inhibiting antiinflammatory compounds
IN Stewart, Andrew O.; Boyd, Steven A.; Arendsen, David L.; Bhatia, Pramila; Condroski, Kevin R.; Freeman, Jennifer C.; Gunawardana, Indrani W.; Zhu, Gui-dong; Lartey, Kraig; Mccarty, Catherine M.; Mort, Nicholas A.; Patel, Meena V.; Staeger, Michael A.; Stout, David M.
PA Abbott Laboratories, USA
SO U.S., 117 pp.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6232320	B1	20010515	US 1999-325336	19990603
	US 2001020030	A1	20010906	US 2001-799729	20010306
	US 6579882	B2	20030617		
PRAI	US 1998-87907P		19980604		

US 1999-325336 19990603

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 51 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:265905 MARPAT

TI Catalytic asymmetric cycloaddition reactions of dienes and aldehydes

IN Jacobsen, Eric N.; Schaus, Scott E.; Dossetter, Alexander G.; Jamison, Timothy F.

PA Harvard University, USA

SO U.S., 39 pp., Cont.-in-part of U.S. 6,130,340.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6211370	B1	20010403	US 1999-255480	19990223
	US 6130340	A	20001010	US 1998-6104	19980113
	WO 2000050365	A1	20000831	WO 2000-US4742	20000223
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 2002004602	A1	20020110	US 2001-755612	20010104
	US 6369223	B2	20020409		
PRAI	US 1998-6104		19980113		
	US 1999-255480		19990223		

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 52 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:209741 MARPAT

TI Bleaching laundry detergent formulation with organic catalyst

IN Dykstra, Robert Richard; Gustwiller, Marc Eric; Howard, Tonya Ann

PA The Procter & Gamble Company, USA

SO PCT Int. Appl., 119 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001016276	A1	20010308	WO 2000-US23319	20000825
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	BR 2000013616	A	20020507	BR 2000-13616	20000825
	EP 1206516	A1	20020522	EP 2000-957787	20000825
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL
JP 2003508587 T2 20030304 JP 2001-520824 20000825
US 2002123445 A1 20020905 US 2002-83948 20020227
PRAI US 1999-151172P 19990827
US 1999-151216P 19990827
WO 2000-US23319 20000825

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 53 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:209740 MARPAT

TI Bleaching laundry detergent formulation with controlled available
components

IN Dykstra, Robert Richard; Miracle, Gregory Scot

PA Procter & Gamble Company, USA

SO PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001016263	A2	20010308	WO 2000-US23323	20000825
	WO 2001016263	A3	20010607		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	BR 2000013608	A	20020521	BR 2000-13608	20000825
	EP 1206513	A2	20020522	EP 2000-957790	20000825
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
	JP 2003508581	T2	20030304	JP 2001-520812	20000825
PRAI	US 1999-151002P		19990827		
	US 1999-151004P		19990827		
	WO 2000-US23323		20000825		

L4 ANSWER 54 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:209699 MARPAT

TI Preparation of organic compounds containing nitrogen and the use as
detergent booster-catalyst thereof

IN Dykstra, Robert Richard

PA The Procter & Gamble Company, USA

SO PCT Int. Appl., 111 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2001016275 A1 20010308 WO 2000-US23318 20000825
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,
MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1206520 A1 20020522 EP 2000-959388 20000825
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
BR 2000013610 A 20020716 BR 2000-13610 20000825
JP 2003508586 T2 20030304 JP 2001-520823 20000825
PRAI US 1999-151180P 19990827
WO 2000-US23318 20000825
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 55 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:209698 MARPAT

TI Preparation of organic compounds containing nitrogen and the use as
detergent booster-catalyst thereof

IN Dykstra, Robert Richard; Weed, Penny S.

PA Procter & Gamble Company, USA

SO PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016274	A1	20010308	WO 2000-US23317	20000825
W:				
AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,				
CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI,				
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,				
KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,				
MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM,				
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,				
MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,				
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000014151	A	20020507	BR 2000-14151	20000825
EP 1206519	A1	20020522	EP 2000-959387	20000825
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003508585	T2	20030304	JP 2001-520822	20000825
PRAI US 1999-151176P				
19990827				
WO 2000-US23317				
20000825				
RE.CNT 7				
THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD				
ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 56 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:194911 MARPAT
 TI Color-safe laundry methods employing zwitterionic formulation components
 IN Dykstra, Robert Richard; Kellett, Patti Jean
 PA Procter & Gamble Company, USA
 SO PCT Int. Appl., 83 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016278	A1	20010308	WO 2000-US23321	20000825
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000013643	A	20020507	BR 2000-13643	20000825
EP 1206518	A1	20020522	EP 2000-957789	20000825
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003508589	T2	20030304	JP 2001-520826	20000825
PRAI US 1999-151174P		19990827		
WO 2000-US23321		20000825		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 57 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 134:194910 MARPAT
 TI Color-safe laundry methods employing cationic formulation components
 IN Dykstra, Robert Richard
 PA Procter & Gamble Company, USA
 SO PCT Int. Appl., 80 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016277	A1	20010308	WO 2000-US23320	20000825
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000013647	A	20020507	BR 2000-13647	20000825
EP 1206517	A1	20020522	EP 2000-957788	20000825

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL

JP 2003508588 T2 20030304 JP 2001-520825 20000825

PRAI US 1999-151110P 19990827

WO 2000-US23320 20000825

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 58 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:193349 MARPAT

TI Preparation and antimicrobial activities of combinatorial libraries of
4-unsubstituted dihydroisoquinolinone derivatives

IN Motesharei, Kianoush; Lebl, Michal; Krchnak, Viktor; Ni, Yidong

PA Trega Biosciences, Inc., USA

SO PCT Int. Appl., 162 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001014879	A1	20010301	WO 2000-US20774	20000728
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6452009	B1	20020917	US 1999-378569	19990819
	EP 1210598	A1	20020605	EP 2000-955287	20000728
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
PRAI	US 1999-378569		19990819		
	WO 2000-US20774		20000728		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 59 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:149097 MARPAT

TI Ink jet ink set

IN Erdtmann, David; Evans, Steven; Weber, Helmut

PA Eastman Kodak Company, USA

SO U.S., 7 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6183548	B1	20010206	US 1999-387585	19990831
	EP 1081198	A2	20010307	EP 2000-202924	20000821
	EP 1081198	A3	20011031		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001115075	A2	20010424	JP 2000-261379	20000830
PRAI	US 1999-387585		19990831		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 60 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:100887 MARPAT
 TI Preparation of tricyclic compounds having spiro-piperidine as inhibitors of blood coagulation factor X (FXa) and anticoagulants
 IN Nishida, Hidemitsu; Saitoh, Fumihiko; Harada, Kousuke; Shiromizu, Ikuya
 PA Mochida Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 305 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001002397	A1	20010111	WO 2000-JP4374	20000630
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1191028	A1	20020327	EP 2000-940912	20000630
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	BR 2000012093	A	20020716	BR 2000-12093	20000630
	US 2003045520	A1	20030306	US 2001-26606	20011227
	NO 2001006402	A	20020227	NO 2001-6402	20011228
PRAI	JP 1999-222883		19990630		
	WO 2000-JP4374		20000630		
	JP 2000-399998		20001228		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 61 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:80806 MARPAT
 TI Methods of treating fungal infections with inhibitors of NAD synthetase
 IN Brouillette, Wayne J.; Brouillette, Christie G.; Delucas, Lawrence J.
 PA The UAB Research Foundation, USA
 SO PCT Int. Appl., 149 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001000197	A2	20010104	WO 2000-US18029	20000629
	WO 2001000197	A3	20010907		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,			

CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1194135 A2 20020410 EP 2000-943322 20000629
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 BR 2000012135 A 20020702 BR 2000-12135 20000629
 US 2003083269 A1 20030501 US 2002-80279 20020222
 PRAI US 1999-141436P 19990629
 US 1998-71399P 19980114
 US 1998-97880P 19980825
 WO 1999-US810 19990114
 WO 1999-US14839 19990630
 US 2000-606256 20000629
 WO 2000-US18029 20000629
 US 2000-218405P 20000714
 US 2000-617258 20000714
 WO 2001-US22203 20010713

L4 ANSWER 62 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 134:42141 MARPAT
 TI Preparation of novel heterocyclic carboxamide derivatives as spleen
 tyrosine kinase inhibitors
 IN Hisamichi, Hiroyuki; Kawazoe, Souichirou; Tanabe, Kazuhito; Ichikawa,
 Atsushi; Orita, Akiko; Suzuki, Takayuki; Onda, Kenichi; Takeuchi, Makoto
 PA Yamanouchi Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000075113	A1	20001214	WO 2000-JP3767	20000609
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
JP 2001055378	A2	20010227	JP 2000-171185	20000607
EP 1184376	A1	20020306	EP 2000-935619	20000609
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI JP 1999-162692		19990609		
WO 2000-JP3767		20000609		

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 63 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)
 AN 134:42120 MARPAT
 TI Preparation of thienopyridines and thienopyrimidines as cell
 adhesion-inhibiting antiinflammatory compounds
 IN Arendsen, David L.; Bhatia, Pramila; Boyd, Steven A.; Condroski, Kevin R.;
 Freeman, Jennifer C.; Gunawardana, Indrani W.; Lartey, Kraig; McCarty,
 Catherine M.; Mort, Nicholas A.; Patel, Meena V.; Staeger, Michael A.;

Stewart, Andrew O.; Stout, David M.; Zhu, Gui-Dong

PA Abbott Laboratories, USA

SO PCT Int. Appl., 320 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000075145	A1	20001214	WO 1999-US14596	19990628
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9948388	A1	20001228	AU 1999-48388	19990628
	EP 1181296	A1	20020227	EP 1999-931986	19990628
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI			
PRAI	US 1999-306199		19990603		
	WO 1999-US14596		19990628		
RE.CNT	23	THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 64 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 134:29403 MARPAT

TI Preparation of heterocycle-contg. phenylacetodrazide derivatives as hypolipidemics

IN Suga, Akira; Imanishi, Naoki; Kubota, Hideki; Miura, Masanori; Umemoto, Kenji; Moritani, Hiroshi; Matsuda, Koyo

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000071502	A1	20001130	WO 2000-JP3289	20000523
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	JP 1999-144617		19990525		
RE.CNT	34	THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 65 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 133:359255 MARPAT
 TI Nitrosated and nitrosylated potassium channel activators, compositions,
 and methods of use
 IN Garvey, David S.; Saenz De Tejada, Inigo
 PA Nitromed, Inc., USA
 SO PCT Int. Appl., 112 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000067754	A1	20001116	WO 2000-US12957	20000512
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,				
	CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,				
	ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,				
	LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,				
	SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,				
	ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6417207	B1	20020709	US 2000-570727	20000512
	US 2002143188	A1	20021003	US 2002-154916	20020528
PRAI	US 1999-133888P		19990512		
	US 2000-570727		20000512		
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 66 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 133:350058 MARPAT
 TI Preparation of 6-[[[aryl and heteroaryl)oxy)methyl]naphthalene-2-
 carboximidamide derivatives and their antithrombotic activity
 IN Alcouffe, Chantal; Bellevergue, Patrice; Dellac, Genevieve; Latham,
 Christopher; Lassalle, Gilbert; Mallart, Sergio; Martin, Valerie; Masson,
 Christine; Mccort, Gary
 PA Sanofi-Synthelabo, Fr.
 SO PCT Int. Appl., 85 pp.
 CODEN: PIXXD2

DT Patent
 LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000066545	A1	20001109	WO 2000-FR1087	20000425
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,				
	CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,				
	ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,				
	LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,				
	SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,				
	ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	FR 2793247	A1	20001110	FR 1999-5632	19990504
	FR 2793247	B1	20010622		
	EP 1177169	A1	20020206	EP 2000-922738	20000425

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
BR 2000010230 A 20020213 BR 2000-10230 20000425
JP 2002543176 T2 20021217 JP 2000-615376 20000425
EE 200100579 A 20030217 EE 2001-579 20000425
BG 106048 A 20020531 BG 2001-106048 20011024
NO 2001005387 A 20020107 NO 2001-5387 20011102
PRAI FR 1999-5632 19990504
WO 2000-FR1087 20000425
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 67 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 133:310879 MARPAT
TI Rigidized trimethine cyanine dyes
IN Waggoner, Alan S.; Mujumdar, Ratnakar B.
PA Carnegie Mellon University, USA
SO U.S., 27 pp.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6133445	A	20001017	US 1998-212564	19981216
PRAI	US 1998-212564		19981216		

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 68 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 133:266596 MARPAT
TI Preparation of amino acids and derivatives as LTA4 hydrolase inhibitors
IN Danvy, Denis; Monteil, Thierry; Plaquevent, Jean-Christophe; Duhamel,
Pierre; Duhamel, Lucette; Noel, Nadine; Gros, Claude; Chamard, Olivier;
Schwartz, Jean-Charles; Lecomte, Jeanne-Marie; Piettre, Serge
PA Institut National de la Sante et de la Recherche Medicale (Inserm), Fr.;
Bioprojet; et al.
SO PCT Int. Appl., 108 pp.
CODEN: PIXXD2

DT Patent
LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000059864	A1	20001012	WO 2000-FR876	20000406
	W: CA, JP, KR, MX, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	FR 2791982	A1	20001013	FR 1999-4271	19990406
	FR 2791982	B1	20021227		
	EP 1165491	A1	20020102	EP 2000-917145	20000406
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2003506317	T2	20030218	JP 2000-609377	20000406
PRAI	FR 1999-4271		19990406		
	WO 2000-FR876		20000406		

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 69 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 133:237998 MARPAT

TI Preparation of tricyclic benzoylpyrazoles as herbicides.

IN Witschel, Matthias; Kudis, Steffen; Langemann, Klaus; Baumann, Ernst; Von Deyn, Wolfgang; Mayer, Guido; Misslitz, Ulf; Neidlein, Ulf; Otten, Martina; Westphalen, Karl-Otto; Walter, Helmut

PA BASF Aktiengesellschaft, Germany

SO PCT Int. Appl., 168 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000055158	A1	20000921	WO 2000-EP2010	20000308
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1163240	A1	20011219	EP 2000-915171	20000308
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2002539211	T2	20021119	JP 2000-605587	20000308
PRAI	DE 1999-19911219		19990312		
	WO 2000-EP2010		20000308		

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 70 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 133:207886 MARPAT

TI Preparation of alkyliminoindanothiazoles and analogs as anorectic agents

IN Jaehne, Gerhard; Geisen, Karl; Lang, Hans-jochen; Bickel, Martin

PA Aventis Pharma Deutschland GmbH, Germany

SO Ger. Offen., 16 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19908536	A1	20000831	DE 1999-19908536	19990226
	WO 2000051996	A1	20000908	WO 2000-EP926	20000205
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1157013 A1 20011128 EP 2000-906286 20000205
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
BR 2000008559 A 20011218 BR 2000-8559 20000205
JP 2002538149 T2 20021112 JP 2000-602223 20000205
US 6207689 B1 20010327 US 2000-500464 20000209
US 6288093 B1 20010911 US 2000-697151 20001027
US 2001011096 A1 20010802 US 2001-774053 20010131
US 6288094 B2 20010911
PRAI DE 1999-19908536 19990226
WO 2000-EP926 20000205
US 2000-500464 20000209

L4 ANSWER 71 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 133:207808 MARPAT
TI Asymmetric cycloaddition reactions using transition metal chiral Schiff
base complexes
IN Jacobsen, Eric N.; Schaus, Scott E.; Dossetter, Alexander G.; Jamison,
Timothy F.
PA President and Fellows of Harvard College, USA
SO PCT Int. Appl., 100 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000050365	A1	20000831	WO 2000-US4742	20000223
W: AU, CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 6211370	B1	20010403	US 1999-255480	19990223
PRAI US 1999-255480		19990223		
US 1998-6104		19980113		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 72 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 133:114204 MARPAT
TI Cryptate compounds and methods for diagnosis and therapy
IN Smith, Suzanne Virginia; Harrowfield, John M.; Di Bartolo, Nadine Marie;
Sargeson, Alan McLeod
PA Australian Nuclear Science & Technology Organisation, Australia; The
Australian National University
SO PCT Int. Appl., 58 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000040585	A1	20000713	WO 2000-AU3	20000105
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,				

CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
 MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1147111 A1 20011024 EP 2000-902480 20000105
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 PRAI AU 1999-8038 19990105
 WO 2000-AU3 20000105
 RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 73 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 132:347578 MARPAT
 TI Preparation of arylaminopyrimidines as inhibitors of HIV replication.
 IN De Corte, Bart; De Jonge, Marc Rene; Heeres, Jan; Ho, Chih Yung; Janssen,
 Paul Adriaan Jan; Kavash, Robert W.; Koymans, Lucien Maria Henricus;
 Kukla, Michael Joseph; Ludovici, Donald William; Van Aken, Koen Jeanne
 Alfons
 PA Janssen Pharmaceutica N.V., Belg.; et al.
 SO PCT Int. Appl., 49 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000027825	A1	20000518	WO 1999-EP7417	19990924
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9962008	A1	20000529	AU 1999-62008	19990924
AU 762523	B2	20030626		
BR 9915552	A	20010814	BR 1999-15552	19990924
EE 200100252	A	20021015	EE 2001-252	19990924
EP 1002795	A1	20000524	EP 1999-203590	19991101
EP 1002795	B1	20030305		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
EP 1270560	A1	20030102	EP 2002-18455	19991101
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
AT 233740	E	20030315	AT 1999-203590	19991101
US 2003114472	A1	20030619	US 1999-430966	19991101
HR 2001000161	A1	20020228	HR 2001-161	20010307
NO 2001001696	A	20010404	NO 2001-1696	20010404
BG 105418	A	20011130	BG 2001-105418	20010406
PRAI US 1998-107792P		19981110		

US 1999-143962P 19990715
 WO 1999-EP7417 19990924
 EP 1999-203590 19991101

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 74 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 132:330878 MARPAT

TI Combinations of herbicides and safeners.

IN Ziemer, Frank; Willms, Lothar; Bieringer, Hermann; Hacker, Erwin

PA Aventis Cropscience G.m.b.H., Germany

SO Ger. Offen., 28 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19853827	A1	20000525	DE 1998-19853827	19981121
	WO 2000030447	A1	20000602	WO 1999-EP8470	19991105
	W:				
	AE, AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CR, CU, CZ, DM,				
	EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK,				
	LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI,				
	SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ,				
	MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	BR 9915516	A	20010717	BR 1999-15516	19991105
	EP 1130965	A1	20010912	EP 1999-972493	19991105
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
	JP 2002530301	T2	20020917	JP 2000-583345	19991105
	BG 105474	A	20011130	BG 2001-105474	20010425
PRAI	DE 1998-19853827		19981121		
	WO 1999-EP8470		19991105		

L4 ANSWER 75 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 132:313703 MARPAT

TI Heterocyclic condensed ring compounds in treatment and/or prevention of conditions mediated by peroxisome proliferator-activated receptors.

IN Jeppesen, Lone; Bury, Paul Stanley; Sauerberg, Per

PA Novo Nordisk A/S, Den.; Reddy's Research Foundation

SO PCT Int. Appl., 59 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000023451	A1	20000427	WO 1999-DK573	19991019
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,				
	CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,				
	IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,				
	MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,				
	SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,				

BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 9963257 A1 20000508 AU 1999-63257 19991019
EP 1123297 A1 20010816 EP 1999-950503 19991019
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
US 6365586 B1 20020402 US 1999-420347 19991019
JP 2002527520 T2 20020827 JP 2000-577177 19991019
US 2002055502 A1 20020509 US 2001-994986 20011127
US 2002061876 A1 20020523 US 2001-995177 20011127
US 2002061880 A1 20020523 US 2001-995324 20011127
US 2002065267 A1 20020530 US 2001-994971 20011127
US 2002065268 A1 20020530 US 2001-995137 20011127
PRAI DK 1998-1354 19981021
US 1998-105913P 19981021
US 1999-420347 19991019
WO 1999-DK573 19991019
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 76 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 132:237105 MARPAT
TI Preparation of 2-[(alpha-substituted)alkylthio(and alkoxy)]pyrimidines as
inhibitors of viral reverse transcriptase
IN Nugent, Richard A.; Schlachter, Stephen T.; Murphy, Michael J.; Morris,
Joel; Thomas, Richard C.; Wishka, Donn G.; Cleek, Gary J.; Graber, David
R.
PA Pharmacia & Upjohn Company, USA
SO U.S., 97 pp., Cont.-in-part of U.S. Ser. No. 436,708, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6043248	A	20000328	US 1997-945153	19971017
	WO 9635678	A1	19961114	WO 1996-US6119	19960503
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR			
PRAI	US 1995-436708		19950508		
	WO 1996-US6119		19960503		

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 77 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 132:222437 MARPAT
TI Method for the radical alkylation of arenes
IN Murphy, John; Graham, Stephen
PA Merck Patent G.m.b.H., Germany
SO Eur. Pat. Appl., 27 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 987235	A1	20000322	EP 1999-116091	19990817
	EP 987235	B1	20030312		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	EP 1998-115971		19980825		
OS	CASREACT 132:222437				
RE.CNT	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 78 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 132:194294 MARPAT

TI Preparation of hydroxamic acid derivatives as proteinase inhibitors

IN Martin, Fiona Mitchell

PA British Biotech Pharmaceuticals Limited, UK

SO PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000012477	A1	20000309	WO 1999-GB2826	19990827
	W: AU, BR, CA, CN, CZ, GB, HU, IL, JP, KR, MX, NO, NZ, PL, RU, SG, SK, TR, US, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9956349	A1	20000321	AU 1999-56349	19990827
	EP 1107953	A1	20010620	EP 1999-943064	19990827
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002523492	T2	20020730	JP 2000-567510	19990827
	US 6479502	B1	20021112	US 2001-763424	20010221
	US 2003050310	A1	20030313	US 2002-242739	20020912
PRAI	GB 1998-18830		19980829		
	GB 1998-28525		19981223		
	WO 1999-GB2826		19990827		
	US 2001-763424		20010221		
RE.CNT	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 79 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 132:180173 MARPAT

TI Stereoselective ring opening reactions

IN Jacobsen, Eric N.; Tokunaga, Makoto; Larrow, Jay F.

PA President and Fellows of Harvard College, USA

SO PCT Int. Appl., 152 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000009463	A1	20000224	WO 1999-US18305	19990813
	W: AU, CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6262278	B1	20010717	US 1998-134393	19980814
	CA 2339618	AA	20000224	CA 1999-2339618	19990813
	AU 9956732	A1	20000306	AU 1999-56732	19990813
	EP 1104395	A1	20010606	EP 1999-943685	19990813
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002522515	T2	20020723	JP 2000-564918	19990813
PRAI	US 1998-134393		19980814		
	US 1995-403374		19950314		
	US 1996-622549		19960325		
	WO 1999-US18305		19990813		
OS	CASREACT 132:180173				
RE.CNT	4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD				
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 80 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 132:122631 MARPAT

TI Preparation of substituted quinazoline derivatives

IN Gletsos, Constantine

PA American Home Products Corporation, USA

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000006555	A1	20000210	WO 1999-US17035	19990728
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2336802	AA	20000210	CA 1999-2336802	19990728
	AU 9953910	A1	20000221	AU 1999-53910	19990728
	BR 9912575	A	20010502	BR 1999-12575	19990728
	EP 1100788	A1	20010523	EP 1999-939658	19990728
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002521476	T2	20020716	JP 2000-562358	19990728
PRAI	US 1998-126292		19980730		
	WO 1999-US17035		19990728		
OS	CASREACT 132:122631				
RE.CNT	1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD				
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 81 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 132:107948 MARPAT

TI Preparation of fused thiazolidinimines as appetite suppressants and antidiabetics.

IN Jaehne, Gerhard; Geisen, Karl; Lang, Hans Jochen

PA Hoechst Marion Roussel Deutschland G.m.b.H, Germany

SO Ger. Offen., 44 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19831878	A1	20000127	DE 1998-19831878	19980717
	DE 19831878	C2	20010517		
	CA 2337838	AA	20000127	CA 1999-2337838	19990703
	WO 2000004006	A1	20000127	WO 1999-EP4644	19990703
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9950308	A1	20000207	AU 1999-50308	19990703
	BR 9912151	A	20010410	BR 1999-12151	19990703
	EP 1098891	A1	20010516	EP 1999-934568	19990703
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002520404	T2	20020709	JP 2000-560113	19990703
	US 6159996	A	20001212	US 1999-351621	19990712
	NO 2001000219	A	20010315	NO 2001-219	20010112
PRAI	DE 1998-19831878		19980717		
	WO 1999-EP4644		19990703		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 82 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 132:64182 MARPAT

TI Preparation of di- and tetrahydroquinolinyllindoles and related compounds as antibacterials.

IN Cuny, Gregory D.; Hauske, James R.; Hoemann, Michael Z.; Rossi, Richard F.; Xie, Roger Leijie

PA Sepracor, Inc., USA

SO PCT Int. Appl., 130 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9967238	A2	19991229	WO 1999-US14277	19990625
	WO 9967238	A3	20030417		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,				

JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
 MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
 TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
 RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
 ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 AU 9945835 A1 20000110 AU 1999-45835 19990625
 US 6180640 B1 20010130 US 1999-344619 19990625
 PRAI US 1998-90624P 19980625
 WO 1999-US14277 19990625

L4 ANSWER 83 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITs ARE ITERATION INCOMPLETES)

AN 132:51265 MARPAT
 TI Metal complex for ink jet ink
 IN Evans, Steven; Weber, Helmut
 PA Eastman Kodak Co., USA
 SO U.S., 9 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6001161	A	19991214	US 1998-203254	19981201
	EP 1006157	A1	20000607	EP 1999-203891	19991119
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2000160079	A2	20000613	JP 1999-337188	19991129
PRAI	US 1998-203254		19981201		
RE.CNT	10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 84 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITs ARE ITERATION INCOMPLETES)

AN 132:23854 MARPAT
 TI Ink jet printing with azo dye metal complex
 IN Weber, Helmut; Evans, Steven
 PA Eastman Kodak Company, USA
 SO U.S., 9 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5997622	A	19991207	US 1998-203258	19981201
	EP 1006159	A1	20000607	EP 1999-203893	19991119
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2000160078	A2	20000613	JP 1999-337046	19991129
PRAI	US 1998-203258		19981201		
RE.CNT	10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 85 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITs ARE ITERATION INCOMPLETES)

AN 132:22956 MARPAT
TI Preparation of thienopyrimidinecarboxamides and analogs as cell
adhesion-inhibiting antiinflammatory compounds
IN Stewart, Andrew O.; Boyd, Steven A.; Arendsen, David L.; Bhatia, Pramila;
Condroski, Kevin R.; Freeman, Jennifer C.; Gunawardana, Indrani W.; Zhu,
Gui-Dong; Lartey, Kraig; McCarty, Catherine M.; Mort, Nicholas A.; Patel,
Meena V.; Staeger, Michael A.; Stout, David M.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 282 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9962908	A2	19991209	WO 1999-US12419	19990603
	WO 9962908	A3	20000330		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2333770	AA	19991209	CA 1999-2333770	19990603
	AU 9942312	A1	19991220	AU 1999-42312	19990603
	EP 1090009	A2	20010411	EP 1999-926157	19990603
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO			
	BR 9910864	A	20020205	BR 1999-10864	19990603
	JP 2002517396	T2	20020618	JP 2000-552119	19990603
	NO 2000006157	A	20010202	NO 2000-6157	20001204
	BG 105109	A	20011130	BG 2001-105109	20010103
PRAI	US 1998-90701		19980604		
	WO 1999-US12419		19990603		

L4 ANSWER 86 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 131:358314 MARPAT
TI Dipyrromethene metal chelate compound and optical recording using same
IN Kato, Kenichi; Sasaki, Nobuaki; Kumagaya, Yojiro; Misawa, Nobuyoshi;
Nishimoto, Taizo; Tsukahara, Hiroshi; Takuma, Keisuke
PA Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.
SO Jpn. Kokai Tokkyo Koho, 21 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11302551	A2	19991102	JP 1998-113685	19980423
PRAI	JP 1998-113685		19980423		

L4 ANSWER 87 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 131:350871 MARPAT

TI Chiral non-racemic catalysts containing Main-group metals and tridentate or tetradentate ligands for asymmetric nucleophilic addition reactions to .pi. bonds

IN Jacobsen, Eric N.; Sigman, Matthew S.

PA President and Fellows of Harvard College, USA

SO PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9956699	A2	19991111	WO 1999-US9570	19990430
	WO 9956699	A3	20000518		
	W: CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6521561	B1	20030218	US 1998-71842	19980501
	CA 2329316	AA	19991111	CA 1999-2329316	19990430
	EP 1073613	A2	20010207	EP 1999-922765	19990430
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002513734	T2	20020514	JP 2000-546729	19990430
PRAI	US 1998-71842		19980501		
	WO 1999-US9570		19990430		

L4 ANSWER 88 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 131:344291 MARPAT

TI Preparation of dipyrromethene metal chelate compound as optical recording media

IN Sasaki, Hiroyuki; Sawano, Bunji; Kumagaya, Yojiro; Misawa, Tsutayoshi; Nishimoto, Taizo; Tsukahara, Hiroshi; Takuma, Keisuke

PA Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.

SO Jpn. Kokai Tokkyo Koho, 37 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 11302253	A2	19991102	JP 1998-113686	19980423
PRAI	JP 1998-113686		19980423		

L4 ANSWER 89 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 131:307106 MARPAT

TI Use of vitamin PP compounds as cytoprotective agents in chemotherapy

IN Biedermann, Elfi; Hasmann, Max; Loser, Roland; Rattel, Benno; Reiter, Friedemann; Schein, Barbara; Schemainda, Isabel; Seibel, Klaus; Vogt, Klaus; Wosikowski, Katja

PA Klinge Pharma GmbH, Germany

SO PCT Int. Appl., 145 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----

PI WO 9953920 A1 19991028 WO 1999-EP2686 19990421
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
DE 19818044 A1 19991028 DE 1998-19818044 19980422
EP 1031564 A1 20000830 EP 1999-103814 19990226
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
AU 9939282 A1 19991108 AU 1999-39282 19990421
EP 1079832 A1 20010307 EP 1999-922119 19990421
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI
JP 2002512190 T2 20020423 JP 2000-544324 19990421
WO 2000050399 A1 20000831 WO 2000-EP1628 20000228
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1154998 A1 20011121 EP 2000-907642 20000228
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
JP 2002537380 T2 20021105 JP 2000-600982 20000228
US 2002160968 A1 20021031 US 2001-935772 20010823
US 6506572 B2 20030114
PRAI DE 1998-19818044 19980422
EP 1999-103814 19990226
WO 1999-EP2686 19990421
WO 2000-EP1628 20000228

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 90 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 131:257572 MARPAT

TI Preparation of benzoxazinones and -thiazinones as serine protease
inhibitors

IN Berryman, Kent Alan; Downing, Dennis Michael; Dudley, Danette Andrea;
Edmunds, Jeremy John; Narasimhan, Lakshmi Sourirajan; Rapundalo, Stephen
Taras

PA Warner-Lambert Company, USA

SO PCT Int. Appl., 175 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9950257	A1	19991007	WO 1998-US26708	19981215

W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2319551 AA 19991007 CA 1998-2319551 19981215

AU 9919183 A1 19991018 AU 1999-19183 19981215

BR 9815784 A 20001121 BR 1998-15784 19981215

EP 1068191 A1 20010117 EP 1998-963965 19981215

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

JP 2002509925 T2 20020402 JP 2000-541161 19981215

ZA 9902445 A 19991001 ZA 1999-2445 19990330

US 6509335 B1 20030121 US 2000-622265 20000814

NO 2000004698 A 20000920 NO 2000-4698 20000920

PRAI US 1998-80142P 19980331

WO 1998-US26708 19981215

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 91 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 131:250478 MARPAT

TI Benzopyrromethene metal complex for optical recording medium

IN Masaoka, Toshihiro; Terao, Hiroshi; Kumagaya, Yojiro; Misawa, Tsutayoshi; Nishimoto, Taizo; Tsukahara, Hiroshi; Takuma, Keisuke

PA Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.

SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11256056	A2	19990921	JP 1998-55390	19980306
PRAI	JP 1998-55390		19980306		

L4 ANSWER 92 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 131:223495 MARPAT

TI Condensed heterocyclic compounds as antiinflammatory and immunomodulatory agents

IN Shannon, Patrick Vivian Richard; Eichholtz, Thomas; Linstead, David; Masdin, Philip; Skinner, Richard

PA University College Cardiff Consultants Limited, UK

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9945926	A1	19990916	WO 1999-GB580	19990225

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,

MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 9926328 A1 19990927 AU 1999-26328 19990225
PRAI GB 1998-4343 19980227
WO 1999-GB580 19990225
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 93 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 131:129576 MARPAT
TI Stereoselective epoxy ring opening reactions using chiral transition
metal-salen complexes
IN Jacobsen, Eric N.; Leighton, James L.; Martinez, Luis E.
PA President and Fellows of Harvard College, USA
SO U.S., 45 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5929232	A	19990727	US 1996-622549	19960325
	US 5665890	A	19970909	US 1995-403374	19950314
	CA 2213007	AA	19960919	CA 1996-2213007	19960314
	US 6262278	B1	20010717	US 1998-134393	19980814
	US 2002032338	A1	20020314	US 2001-899516	20010705
	US 6448414	B2	20020910		
	US 2003139614	A1	20030724	US 2002-206143	20020726
PRAI	US 1995-403374		19950314		
	US 1996-622549		19960325		
	US 1998-134393		19980814		
	US 2001-899516		20010705		

OS CASREACT 131:129576
RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 94 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 131:116229 MARPAT
TI Preparation of thiazolecarboxamides as vitronectin receptor antagonists
IN Alig, Leo; Edenhofer, Albrecht; Hilpert, Kurt; Weller, Thomas
PA F. Hoffmann-La Roche AG, Switz.
SO Eur. Pat. Appl., 87 pp.
CODEN: EPXXDW

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 928790	A1	19990714	EP 1998-124670	19981224
	EP 928790	B1	20030305		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

US 6100282	A	20000808	US 1998-218567	19981222
NZ 333590	A	20000526	NZ 1998-333590	19981224
NZ 333591	A	20000526	NZ 1998-333591	19981224
AT 233746	E	20030315	AT 1998-124670	19981224
NO 9806159	A	19990705	NO 1998-6159	19981228
ZA 9811925	A	20000629	ZA 1998-11925	19981229
AU 9896144	A1	19990722	AU 1998-96144	19981230
AU 720618	B2	20000608		
SG 74686	A1	20000822	SG 1998-5978	19981230
JP 2000053664	A2	20000222	JP 1999-10	19990104
JP 3113237	B2	20001127		
BR 9900006	A	20000411	BR 1999-6	19990104
MX 9900215	A	20000630	MX 1999-215	19990104
HK 1020953	A1	20020726	HK 1999-106136	19991228
US 6320054	B1	20011120	US 2000-526033	20000315
US 2002010316	A1	20020124	US 2001-878704	20010611
US 6344562	B2	20020205		
PRAI EP 1998-100006		19980102		
US 1998-218567		19981222		
US 2000-526033		20000315		

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 95 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 131:60019 MARPAT

TI Preparation of rigidized trimethine cyanine dyes and their use as
fluorescent markers

IN Waggoner, Alan S.; Mujumdar, Ratnakar B.

PA Carnegie Mellon University, USA

SO PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9931181	A1	19990624	WO 1998-US26665	19981216
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2314188	AA	19990624	CA 1998-2314188	19981216
AU 9918288	A1	19990705	AU 1999-18288	19981216
AU 760598	B2	20030515		
EP 1042407	A1	20001011	EP 1998-963218	19981216
EP 1042407	B1	20010912		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
AT 205515	E	20010915	AT 1998-963218	19981216
ES 2165711	T3	20020316	ES 1998-963218	19981216
JP 2002508428	T2	20020319	JP 2000-539092	19981216
PRAI US 1997-992212		19971217		
WO 1998-US26665		19981216		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 96 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 131:45047 MARPAT

TI Preparation of sialyl Lewisx and sialyl Lewisx glyco-mimetics as selectin inhibitors

IN Anderson, Mark B.; Kobayashi, Yoshiyuki; Itoh, Kazuhiro; Holme, Kevin R.; Cui, Jingrong; Fugedi, Peter; Peto, Csaba F.; Wang, Li; Vazir, Harish

PA Glycomed Incorporated, USA; Sankyo Co., Ltd.

SO PCT Int. Appl., 184 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9929705	A2	19990617	WO 1998-US25783	19981204
	WO 9929705	A3	19990819		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9918042	A1	19990628	AU 1999-18042	19981204
PRAI	US 1997-67971P		19971208		
	WO 1998-US25783		19981204		

L4 ANSWER 97 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 131:18932 MARPAT

TI Preparation and formulation of heterocyclic compounds as cyclic GMP phosphodiesterase inhibitors

IN Ohashi, Masayuki; Nishida, Hidemitsu; Shudo, Toshiyuki

PA Mochida Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 253 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9928319	A1	19990610	WO 1998-JP5350	19981127
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	ZA 9810766	A	19990525	ZA 1998-10766	19981125
	CA 2311947	AA	19990610	CA 1998-2311947	19981127
	AU 9912617	A1	19990616	AU 1999-12617	19981127

AU 746883 B2 20020502
 BR 9815070 A 20001003 BR 1998-15070 19981127
 EP 1048666 A1 20001102 EP 1998-955965 19981127
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 NO 2000002696 A 20000724 NO 2000-2696 20000526
 US 6476021 B1 20021105 US 2000-580657 20000526
 PRAI JP 1997-344164 19971128
 WO 1998-JP5350 19981127
 RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 98 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 130:282082 MARPAT

TI Preparation of alkylthiopyrimidines as viral reverse transcriptase inhibitors

IN Morris, Joel; Wishka, Donn G.; Adams, Wade J.; Friis, Janice M.

PA Pharmacia & Upjohn Company, USA

SO PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9919304	A2	19990422	WO 1998-US18507	19980921
	WO 9919304	A3	20011220		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	CA 2301800	AA	19990422	CA 1998-2301800	19980921
	AU 9923050	A1	19990503	AU 1999-23050	19980921
	AU 750917	B2	20020801		
	EP 1034167	A1	20000913	EP 1998-966441	19980921
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI			
	US 6124306	A	20000926	US 1998-157975	19980921
	NZ 503586	A	20020328	NZ 1998-503586	19980921
	JP 2002526378	T2	20020820	JP 2000-515877	19980921
PRAI	US 1997-59656P		19970925		
	WO 1998-US18507		19980921		

L4 ANSWER 99 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 130:252609 MARPAT

TI Preparation of locked nucleoside analogs-containing oligodeoxyribonucleotide duplexes as substrates for nucleic acid polymerases

IN Wengel, Jesper; Nielsen, Poul

PA Exiqon A/S, Den.

SO PCT Int. Appl., 269 pp.

CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9914226	A2	19990325	WO 1998-DK393	19980914
	WO 9914226	A3	19990805		
	W:	AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ, DE, DE, DK, DK, EE, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2002068708	A1	20020606	US 1998-152059	19980911
	CA 2303299	AA	19990325	CA 1998-2303299	19980914
	AU 9890633	A1	19990405	AU 1998-90633	19980914
	EP 1015469	A2	20000705	EP 1998-942516	19980914
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2002521310	T2	20020716	JP 2000-511775	19980914
	US 2003134808	A1	20030717	US 2001-8029	20011105
	US 2003144231	A1	20030731	US 2002-208650	20020729
PRAI	DK 1997-1054		19970912		
	DK 1997-1492		19971219		
	DK 1998-61		19980116		
	DK 1998-286		19980303		
	DK 1998-585		19980429		
	US 1998-88309P		19980605		
	DK 1998-750		19980608		
	DK 1998-982		19980728		
	US 1997-58541P		19970912		
	US 1997-68293P		19971219		
	US 1998-71682P		19980116		
	US 1998-76591P		19980303		
	US 1998-83507P		19980429		
	US 1998-94355P		19980728		
	US 1998-152059		19980911		
	WO 1998-DK393		19980914		

L4 ANSWER 100 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 130:223600 MARPAT

TI Imidazolidine derivatives, their preparation and use, and pharmaceutical compositions containing them

IN Wehner, Volkmar; Stilz, Hans Ulrich; Schmidt, Wolfgang; Seiffge, Dirk

PA Hoechst Marion Roussel Deutschland GmbH, Germany

SO Eur. Pat. Appl., 66 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 903353	A1	19990324	EP 1998-117231	19980911
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,			

IE, SI, LT, LV, FI, RO

DE 19741235	A1	19990325	DE 1997-19741235	19970918
NZ 331924	A	20000228	NZ 1998-331924	19980916
ZA 9808496	A	19990318	ZA 1998-8496	19980917
NO 9804309	A	19990319	NO 1998-4309	19980917
AU 9885231	A1	19990401	AU 1998-85231	19980917
AU 748599	B2	20020606		
JP 11158157	A2	19990615	JP 1998-263164	19980917
BR 9803486	A	20010522	BR 1998-3486	19980917
CN 1218047	A	19990602	CN 1998-119629	19980918
US 6423712	B1	20020723	US 1998-157241	19980918
US 2003125565	A1	20030703	US 2002-147921	20020520

PRAI DE 1997-19741235 19970918
US 1998-157241 19980918

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 101 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)
AN 130:209714 MARPAT
TI Tetracyclic heteroaromatic compounds as poly(ADP-ribose) polymerase (PARP)
inhibitors for treating neural or cardiovascular tissue damage
IN Li, Jia-He; Zhang, Jie; Jackson, Paul F.; Maclin, Keith M.
PA Guilford Pharmaceuticals Inc., USA
SO PCT Int. Appl., 122 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 16

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9911645	A1	19990311	WO 1998-US18189	19980902
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6346536	B1	20020212	US 1997-922548	19970903
US 6306889	B1	20011023	US 1998-47502	19980325
US 6514983	B1	20030204	US 1998-145181	19980901
AU 9892982	A1	19990322	AU 1998-92982	19980902
BR 9812185	A	20000718	BR 1998-12185	19980902
EP 1019409	A1	20000719	EP 1998-945828	19980902
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002510332	T2	20020402	JP 1999-516974	19980902
NZ 503043	A	20021025	NZ 1998-503043	19980902
NO 2000001001	A	20000405	NO 2000-1001	20000228
PRAI US 1997-922548		19970903		
US 1998-47502		19980325		
US 1998-145181		19980901		
WO 1998-US18189		19980902		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 102 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 130:178758 MARPAT

TI Use of benzo[c]quinolizine derivatives as plant growth regulators

IN Guarna, Antonio; Serio, Mario

PA Applied Research Systems ARS Holding N.V., Neth. Antilles

SO PCT Int. Appl., 14 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9905913	A1	19990211	WO 1998-EP4737	19980729
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9891570	A1	19990222	AU 1998-91570	19980729
	AU 750092	B2	20020711		
	EP 999747	A1	20000517	EP 1998-943798	19980729
	EP 999747	B1	20030423		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	JP 2001511433	T2	20010814	JP 2000-504746	19980729
	AT 237938	E	20030515	AT 1998-943798	19980729
	US 6514912	B1	20030204	US 2000-480238	20000110
PRAI	IT 1997-FI193		19970801		
	WO 1998-EP4737		19980729		
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 103 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 130:163203 MARPAT

TI 5-HT-2 antagonists, and preparation thereof, for treating or ameliorating the symptoms of common cold or allergic rhinitis

IN Johnson, Kirk Willis; Nelson, David Lloyd Garver; Phebus, Lee Alan

PA Eli Lilly and Company, USA

SO U.S., 16 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5869497	A	19990209	US 1997-813472	19970307
PRAI	US 1997-813472		19970307		
RE.CNT	20	THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 104 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 130:139335 MARPAT

TI Preparation of tricyclically substituted oxazolidinones as bactericides
 IN Bartel, Stephan; Guarnieri, Walter; Riedl, Bernd; Habich, Dieter; Stolle, Andreas; Ruppelt, Martin; Raddatz, Siegfried; Rosentreter, Ulrich; Wild, Hanno; Endermann, Rainer; Kroll, Hein-peter
 PA Bayer Aktiengesellschaft, Germany; et al.
 SO PCT Int. Appl., 98 pp.
 CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9903846	A1	19990128	WO 1998-EP4252	19980708
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	DE 19730847	A1	19990128	DE 1997-19730847	19970718
	AU 9884417	A1	19990210	AU 1998-84417	19980708
	ZA 9806360	A	19990127	ZA 1998-6360	19980717
PRAI	DE 1997-19730847		19970718		
	WO 1998-EP4252		19980708		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 105 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 130:95479 MARPAT

TI Preparation of piperidine derivatives as cell adhesion inhibitors for inflammation inhibitors, metastasis inhibitors, etc.

IN Sasaki, Shinichi; Fujiwara, Shigeki; Hagiwara, Koji; Takai, Haruki; Suzuki, Koji; Miki, Ichiro; Hisano, Yukako; Kase, Hiroshi

PA Kyowa Hakko Kogyo Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 37 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10330377	A2	19981215	JP 1997-144105	19970602
PRAI	JP 1997-144105		19970602		

L4 ANSWER 106 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 130:38390 MARPAT

TI Preparation of azolidinediones as antidiabetics

IN Lohray, Braj Bhushan; Lohray, Vidya Bhushan; Bajji, Ashok Channaveerappa; Kalchar, Shivaramayya; Alla, Sekar Reddy; Ramanujam, Rajagopalan; Vikramadithyan, Reeba K.

PA Reddy's Research Foundation, India; Reddy-Cheminor Inc.

SO PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9852946	A1	19981126	WO 1998-US10612	19980526
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6011031	A	20000104	US 1997-982910	19971202
AU 9875952	A1	19981211	AU 1998-75952	19980526
EP 977753	A1	20000209	EP 1998-923730	19980526
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002515042	T2	20020521	JP 1998-507379	19980526
US 6159966	A	20001212	US 1998-134348	19980814
PRAI US 1997-982910		19971202		
IN 1997-MA1153		19970530		
WO 1998-US10612		19980526		
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 107 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 129:343502 MARPAT

TI Preparation of 3-amino-1,4-benzoxazines and analogs as nitric oxide synthase inhibitors

IN Holscher, Peter; Rehwinkel, Hartmut; Suelzle, Detlev; Burton, Gerardine; Hillmann, Margrit; Pribilla, Iris; Davey, David Daniel

PA Schering A.-G., Germany

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9850372	A1	19981112	WO 1998-DE1241	19980430
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9883308	A1	19981127	AU 1998-83308	19980430
EP 980362	A1	20000223	EP 1998-933446	19980430
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001524115	T2	20011127	JP 1998-547629	19980430
US 6191127	B1	20010220	US 1999-423072	19991101
PRAI DE 1997-19720155		19970502		
WO 1998-DE1241		19980430		

Patel

8/29/2003>

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 108 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 129:290150 MARPAT

TI Preparation of 2-(cycloalkane or heterocycle-fused indole-2-carbonyl)guanidines as inhibitors of Na⁺/H⁺ exchange transport system

IN Kitano, Masashi; Oohashi, Naohito

PA Sumitomo Pharmaceuticals Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 55 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10237073	A2	19980908	JP 1997-32894	19970130
	CN 1161334	A	19971008	CN 1997-102191	19970131
	CN 1058969	B	20001129		
	US 5977100	A	19991102	US 1998-74462	19980508
	US 6271251	B1	20010807	US 1999-342101	19990629
PRAI	JP 1996-40611		19960202		
	JP 1996-131370		19960425		
	JP 1996-219322		19960731		
	JP 1996-356301		19961224		
	US 1997-790024		19970128		
	US 1998-74462		19980508		

L4 ANSWER 109 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 129:239901 MARPAT

TI Anti-epileptogenic agents, and preparation thereof

IN Weaver, Donald F.; Milne, Paul H.; Tan, Christopher Y. K.; Carran, John R.

PA Queen's University At Kingston, Can.

SO PCT Int. Appl., 91 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9840055	A2	19980917	WO 1998-CA244	19980312
	WO 9840055	A3	19990218		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 6306909	B1	20011023	US 1998-41371	19980311
	AU 9864923	A1	19980929	AU 1998-64923	19980312
	EP 969823	A2	20000112	EP 1998-910555	19980312
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	NZ 337849	A	20000128	NZ 1998-337849	19980312

	JP 2001515483	T2	20010918	JP 1998-539010	19980312
	US 2002025949	A1	20020228	US 2001-932676	20010816
PRAI	US 1997-41140P		19970312		
	US 1998-73536P		19980203		
	US 1998-41371		19980311		
	WO 1998-CA244		19980312		

L4 ANSWER 110 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 129:202864 MARPAT

TI Preparation of benzocycloheptanesulfonamides, tetrahydrobenzoxepinsulfonamides, and related compounds as potassium channel blockers.

IN Brendel, Joachim; Lang, Hans Jochen; Gerlach, Uwe

PA Hoechst A.-G., Germany

SO Ger. Offen., 24 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19707656	A1	19980827	DE 1997-19707656	19970226
	CN 1169429	A	19980107	CN 1997-111540	19970513
	EP 861836	A1	19980902	EP 1998-102952	19980220
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9800207	A	19990518	BR 1998-207	19980220
	CA 2230349	AA	19980826	CA 1998-2230349	19980224
	ZA 9801562	A	19980826	ZA 1998-1562	19980225
	NO 9800785	A	19980827	NO 1998-785	19980225
	AU 9856333	A1	19980903	AU 1998-56333	19980225
	AU 737461	B2	20010823		
	CN 1193017	A	19980916	CN 1998-105329	19980225
	CN 1110490	B	20030604		
	JP 10287641	A2	19981027	JP 1998-43652	19980225
	TW 452574	B	20010901	TW 1998-87102578	19980327
	US 2002072514	A1	20020613	US 2001-983670	20011025
PRAI	DE 1997-19707656		19970226		
	US 1998-28452		19980224		
	US 1999-342597		19990629		

L4 ANSWER 111 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 129:144857 MARPAT

TI Phalloidin derivatives and analogs to treat congestive heart failure or other cardiomyopathies

IN Boukatina, Anna E.; Campbell, Kenneth B.; Kunz, Lawrence L.; Kasina, Sudhakar; Theodore, Louis J.; Fritzberg, Alan R.

PA Washington State University Research Foundation, USA; Neorx Corp.

SO PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9831380	A1	19980723	WO 1998-US952	19980116

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

AU 9860300 A1 19980807 AU 1998-60300 19980116

PRAI US 1997-35452P 19970116

WO 1998-US952 19980116

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 112 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 129:142535 MARPAT

TI Method for processing silver halide photographic material using a mercapto compound

IN Yoshida, Tetsuo; Watanabe, Harumi

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 41 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 10186598	A2	19980714	JP 1996-350838	19961227
PRAI	JP 1996-350838		19961227		

L4 ANSWER 113 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 129:142534 MARPAT

TI Method for processing silver halide photographic material using a developer containing a mercaptopyrimidine

IN Fukui, Kota; Sasaoka, Senzo; Yamada, Kosaburo

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 44 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 10186596	A2	19980714	JP 1996-340246	19961219
	US 5976758	A	19991102	US 1997-995146	19971219
PRAI	JP 1996-340246		19961219		

L4 ANSWER 114 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 129:128919 MARPAT

TI Processing of silver halide photographic material for printing platemaking

IN Yoshida, Tetsuo; Watanabe, Harumi

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 28 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 10171079 A2 19980626 JP 1996-336133 19961216
 PRAI JP 1996-336133 19961216

L4 ANSWER 115 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITs ARE ITERATION INCOMPLETES)

AN 129:100033 MARPAT

TI Pharmaceutical composition for oral administration

IN Takahashi, Masayuki; Morita, Hiromi; Kikuchi, Hiroshi

PA Daiichi Pharmaceutical Co., Ltd., Japan; Takahashi, Masayuki; Morita, Hiromi; Kikuchi, Hiroshi

SO PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9826803	A1	19980625	WO 1997-JP4650	19971217
W:				
AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9877357	A1	19980715	AU 1998-77357	19971217
AU 719076	B2	20000504		
EP 953359	A1	19991103	EP 1997-949114	19971217
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1240363	A	20000105	CN 1997-180799	19971217
JP 10231254	A2	19980902	JP 1997-349161	19971218
NO 9902999	A	19990818	NO 1999-2999	19990618
PRAI JP 1996-339638		19961219		
WO 1997-JP4650		19971217		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 116 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITs ARE ITERATION INCOMPLETES)

AN 129:74000 MARPAT

TI Photochromic electrostatic toner composition

IN Martin, Trevor I.; Jennings, Carol A.; Johnson, Eric G.; Oliver, John F.

PA Xerox Corp., USA

SO U.S., 39 pp., Cont. of U. S. Ser. No. 567,589, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5759729	A	19980602	US 1997-839533	19970414
PRAI US 1995-567589		19951205		

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 117 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 129:41380 MARPAT

TI Processes for the diastereoselective synthesis of nucleoside analogs

IN Mansour, Tarek; Tse, Allan H. L.

PA Biochem Pharma Inc., Can.

SO U.S., 13 pp., Cont.-in-part of U.S. Ser. No. 703,379, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5756706	A	19980526	US 1994-142389	19940513
	WO 9220696	A1	19921126	WO 1992-CA209	19920520
	W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US				
	RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
	AU 9216913	A1	19921230	AU 1992-16913	19920520
	CZ 280857	B6	19960417	CZ 1993-2493	19920520
	PL 168910	B1	19960531	PL 1992-301339	19920520
	IL 116176	A1	19980208	IL 1992-116176	19920520
	RU 2105009	C1	19980220	RU 1993-58554	19920520
	SK 279438	B6	19981104	SK 1993-1293	19920520
	IL 116109	A1	19981227	IL 1992-116109	19920520
	JP 2001354667	A2	20011225	JP 2001-136217	19920521
	US 5744596	A	19980428	US 1995-464960	19950605
	FI 9600286	A	19960119	FI 1996-286	19960119
PRAI	US 1991-703379		19910521		
	WO 1992-CA209		19920520		
	IL 1992-101931		19920520		
	IL 1992-101932		19920520		
	WO 1992-CA211		19920520		
	JP 1992-129155		19920521		
	FI 1993-5151		19931119		
	US 1994-142389		19940513		

OS CASREACT 129:41380

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 118 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 128:294698 MARPAT

TI Thio acid-derived monocyclic N-heterocyclics as anticoagulants

IN Kochanny, Monica J.; Morrissey, Michael M.; Ng, Howard P.

PA Schering Aktiengesellschaft, Germany

SO PCT Int. Appl., 83 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9815547	A1	19980416	WO 1997-EP5231	19970924
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ,				

VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,
 GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
 GN, ML, MR, NE, SN, TD, TG

US 6004985	A	19991221	US 1996-731128	19961009
AU 9746240	A1	19980505	AU 1997-46240	19970924
AU 730060	B2	20010222		
EP 934310	A1	19990811	EP 1997-944891	19970924
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1233247	A	19991027	CN 1997-198655	19970924
CN 1111159	B	20030611		
NZ 334758	A	20001124	NZ 1997-334758	19970924
JP 2001501632	T2	20010206	JP 1998-517127	19970924
NO 9901594	A	19990608	NO 1999-1594	19990331
MX 9903294	A	20000228	MX 1999-3294	19990406
KR 2000048966	A	20000725	KR 1999-703014	19990408
US 6034084	A	20000307	US 1999-314619	19990519
US 6166014	A	20001226	US 1999-315120	19990519
US 6150382	A	20001121	US 1999-315790	19990521
US 6162807	A	20001219	US 2000-481761	20000111
US 6221886	B1	20010424	US 2000-481987	20000111
PRAI US 1996-731128		19961009		
WO 1997-EP5231		19970924		
US 1999-314619		19990519		
RE.CNT 8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 119 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 128:283084 MARPAT

TI Preparation of piperidine-keto-carboxylic acid derivatives and their use
 as inhibitors of cysteine proteases

IN Lubisch, Wilfried; Moeller, Achim; Delzer, Juergen

PA BASF A.-G., Germany

SO Ger. Offen., 16 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	DE 19642591	A1	19980416	DE 1996-19642591	19961015
	WO 9816512	A1	19980423	WO 1997-EP5202	19970923
	W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9747770	A1	19980511	AU 1997-47770	19970923
	AU 736754	B2	20010802		
	EP 934273	A1	19990811	EP 1997-910332	19970923
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO				
	BR 9711908	A	19990824	BR 1997-11908	19970923
	CN 1239950	A	19991229	CN 1997-180507	19970923
	JP 2001501955	T2	20010213	JP 1998-517955	19970923
	NZ 334979	A	20010223	NZ 1997-334979	19970923
	RU 2189974	C2	20020927	RU 1999-109969	19970923

ZA 9709175	A	19990414	ZA 1997-9175	19971014
NO 9901761	A	19990414	NO 1999-1761	19990414
KR 2000049130	A	20000725	KR 1999-703216	19990414
US 6380220	B1	20020430	US 1999-284543	19990415
PRAI DE 1996-19642591	19961015			
WO 1997-EP5202	19970923			

L4 ANSWER 120 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 128:257333 MARPAT

TI Preparation of heterocyclic compounds as new antidotes in herbicidal compositions

IN Tobler, Hans; Szczepanski, Henry; Fory, Werner

PA Novartis A.-G., Switz.; Tobler, Hans; Szczepanski, Henry; Fory, Werner

SO PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9813361	A1	19980402	WO 1997-EP5252	19970924
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9747780	A1	19980417	AU 1997-47780	19970924
EP 929543	A1	19990721	EP 1997-910351	19970924
EP 929543	B1	20011031		
R:	DE, FR, GB			
ZA 9708579	A	19980326	ZA 1997-8579	19970925
US 6294504	B1	20010925	US 1999-269453	19990624
PRAI CH 1996-2359	19960926			
WO 1997-EP5252	19970924			

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 121 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 128:204878 MARPAT

TI Preparation of pyrazinobenzothiazine derivatives and analogs for the treatment of inflammation and autoimmune diseases

IN Kaneko, Toshihiko; Clark, Richard; Ohi, Norihito; Ozaki, Fumihiro; Kawahara, Tetsuya; Kamada, Atsushi; Okano, Kazuo; Yokohama, Hiromitsu; Muramoto, Kenzo; Arai, Tohru; Ohkuro, Masayoshi; Takenaka, Osamu; Sonoda, Jiro

PA Eisai Co., Ltd., Japan; Kaneko, Toshihiko; Clark, Richard; Ohi, Norihito; Ozaki, Fumihiro; Kawahara, Tetsuya; Kamada, Atsushi; Okano, Kazuo; Yokohama, Hiromitsu; et al.

SO PCT Int. Appl., 1344 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9806720	A1	19980219	WO 1997-JP2787	19970808
	W: AU, CA, CN, HU, JP, KR, MX, NO, NZ, RU, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9737849	A1	19980306	AU 1997-37849	19970808
	ZA 9707103	A	19990208	ZA 1997-7103	19970808
	EP 934941	A1	19990811	EP 1997-934750	19970808
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	US 6518423	B1	20030211	US 1999-230852	19990405
PRAI	JP 1996-210344		19960809		
	WO 1997-JP2787		19970808		
RE.CNT	46	THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD			
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 122 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 128:192940 MARPAT

TI Preparation of amidino-substituted peptides as thrombin inhibitors

IN Baucke, Dorit; Lange, Udo; Mack, Helmut; Seitz, Werner; Zierke, Thomas; Hoffken, Hans Wolfgang; Hornberger, Wilfried

PA BASF Aktiengesellschaft, Germany; Baucke, Dorit; Lange, Udo; Mack, Helmut; Seitz, Werner; Zierke, Thomas; Hoffken, Hans Wolfgang; Hornberger, Wilfried

SO PCT Int. Appl., 69 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9806741	A1	19980219	WO 1997-EP4104	19970729
	W: AL, AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	DE 19632773	A1	19980219	DE 1996-19632773	19960814
	AU 9739417	A1	19980306	AU 1997-39417	19970729
	AU 735364	B2	20010705		
	BR 9711191	A	19990817	BR 1997-11191	19970729
	CN 1228783	A	19990915	CN 1997-197391	19970729
	EP 956294	A1	19991117	EP 1997-936672	19970729
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO				
	JP 2000516598	T2	20001212	JP 1998-509340	19970729
	RU 2175328	C2	20011027	RU 1999-104925	19970729
	ZA 9707239	A	19990215	ZA 1997-7239	19970813
	US 6114358	A	20000905	US 1999-242289	19990210
	NO 9900662	A	19990212	NO 1999-662	19990212
	KR 2000030002	A	20000525	KR 1999-701279	19990213
PRAI	DE 1996-19632773		19960814		
	WO 1997-EP4104		19970729		
RE.CNT	1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD			
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 123 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 128:180278 MARPAT

TI Preparation of cephalosporins as bactericides against methicillin-

resistant Staphylococcus aureus
 IN Takagi, Hiroyasu; Yotsuji, Minako; Jinna, Hiroshi; Matsukura, Hiroko;
 Murakami, Makoto; Minami, Shinsaburo; Watanabe, Yasuo
 PA Toyama Chemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 26 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10036375	A2	19980210	JP 1996-213083	19960724
PRAI	JP 1996-213083		19960724		

L4 ANSWER 124 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 128:48245 MARPAT

TI Preparation of benzamidine derivatives as anticoagulants

IN Buckman, Brad O.; Davey, David D.; Guilford, William J.; Morrissey,
 Michael M.; Ng, Howard P.; Phillips, Gary B.; Wu, Shung C.; Xu, Wei

PA Berlex Laboratories, Inc., USA

SO U.S., 46 pp., Cont.-in-part of U.S. Ser. No. 401,829, abandoned.

CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5691364	A	19971125	US 1995-473385	19950607
	CA 2214685	AA	19960919	CA 1996-2214685	19960308
	WO 9628427	A1	19960919	WO 1996-US2641	19960308
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9652994	A1	19961002	AU 1996-52994	19960308
	AU 707323	B2	19990708		
	EP 813525	A1	19971229	EP 1996-909536	19960308
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 5877181	A	19990302	US 1997-910774	19970813
	US 5883100	A	19990316	US 1997-910614	19970813
	US 5889005	A	19990330	US 1997-910876	19970813
	US 6034103	A	20000307	US 1997-910609	19970813
	US 6306884	B1	20011023	US 1999-436399	19991108
	US 6350746	B1	20020226	US 1999-457457	19991208
PRAI	US 1995-401829		19950310		
	US 1995-473385		19950607		
	WO 1996-US2641		19960308		
	US 1997-910609		19970813		
	US 1997-913241		19971208		

L4 ANSWER 125 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 128:28562 MARPAT

TI Developer and method for processing of silver halide photographic material

IN Watanabe, Harumi; Sasaki, Hirotomo

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 40 pp.

CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09274290	A2	19971021	JP 1996-325522	19961205
PRAI	JP 1996-21280		19960207		

L4 ANSWER 126 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 128:19713 MARPAT

TI Synergistic antimicrobial enzymic peroxidase compositions

IN Johansen, Charlotte

PA Novo Nordisk A/s, Den.; Johansen, Charlotte

SO PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9742825	A1	19971120	WO 1997-DK205	19970506
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9726933	A1	19971205	AU 1997-26933	19970506
	EP 912097	A1	19990506	EP 1997-920611	19970506
	EP 912097	B1	20020807		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
	JP 2000512267	T2	20000919	JP 1997-540399	19970506
	AT 221729	E	20020815	AT 1997-920611	19970506
	US 2002119136	A1	20020829	US 2001-815848	20010323
PRAI	DK 1996-559		19960509		
	DK 1996-785		19960715		
	WO 1997-DK205		19970506		
	US 1998-174956		19981019		

L4 ANSWER 127 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 128:13253 MARPAT

TI Fused pyridine N-hydroxy carboxamide derivatives and analogs as inhibitors of metalloproteases, process for their preparation, and pharmaceutical compositions containing them

IN De Nanteuil, Guillaume; Paladino, Joseph; Remond, Georges; Atassi, Ghanem; Pierre, Alain; Tucker, Gordon; Bonnet, Jacqueline; Sabatini, Massimo

PA Adir Et Compagnie, Fr.

SO Eur. Pat. Appl., 31 pp.

CODEN: EPXXDW

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 803505	A1	19971029	EP 1997-400913	19970423
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				

FR 2748026	A1	19971031	FR 1996-5321	19960426
FR 2748026	B1	19980605		
NO 9701862	A	19971027	NO 1997-1862	19970423
CA 2203618	AA	19971026	CA 1997-2203618	19970424
CA 2203618	C	20020528		
AU 9719121	A1	19971030	AU 1997-19121	19970424
AU 713680	B2	19991209		
ZA 9703647	A	19971119	ZA 1997-3647	19970425
CN 1165817	A	19971126	CN 1997-109728	19970425
JP 10059936	A2	19980303	JP 1997-108954	19970425
US 5866587	A	19990202	US 1997-842982	19970425
PRAI FR 1996-5321		19960426		
OS CASREACT 128:13253				

L4 ANSWER 128 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 127:162011 MARPAT

TI Preparation of heterocycle-condensed morphinoid derivatives for use as analgesics

IN Dondio, Giulio; Ronzoni, Silvano; Gatti, Pier Andrea; Graziani, Davide
PA Smithkline Beecham S.P.A., Italy; Dondio, Giulio; Ronzoni, Silvano; Gatti, Pier Andrea; Graziani, Davide

SO PCT Int. Appl., 49 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9725331	A1	19970717	WO 1997-EP120	19970108
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2242609	AA	19970717	CA 1997-2242609	19970108
	AU 9714410	A1	19970801	AU 1997-14410	19970108
	AU 706370	B2	19990617		
	EP 880526	A1	19981202	EP 1997-901009	19970108
	EP 880526	B1	20021218		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO				
	CN 1213372	A	19990407	CN 1997-192879	19970108
	CN 1090190	B	20020904		
	BR 9707136	A	19990831	BR 1997-7136	19970108
	NZ 326331	A	20000128	NZ 1997-326331	19970108
	JP 2000503019	T2	20000314	JP 1997-524871	19970108
	AT 229958	E	20030115	AT 1997-901009	19970108
	ES 2188888	T3	20030701	ES 1997-901009	19970108
	ZA 9700172	A	19980709	ZA 1997-172	19970109
	NO 9803169	A	19980909	NO 1998-3169	19980709
	US 6365594	B1	20020402	US 1999-101213	19990222
PRAI	IT 1996-MI29		19960110		
	IT 1996-MI2291		19961105		
	WO 1997-EP120		19970108		

L4 ANSWER 129 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 127:161844 MARPAT

TI Preparation of pyrido-1,2,4-thiadiazines and pyrido-1,4-thiazines as
openers of the KATP-regulated potassium channels

IN Pirotte, Bernard; Lebrun, Philippe; De Tullio, Pascal; Somers, Fabian;
Delarge, Jacques Elie; Hansen, Holger Claus; Nielsen, Flemming Elmelund;
Hansen, John Bondo

PA Novo Nordisk A/S, Den.

SO PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9726264	A1	19970724	WO 1997-DK18	19970116
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
CA 2241565	AA	19970724	CA 1997-2241565	19970116
AU 9714370	A1	19970811	AU 1997-14370	19970116
AU 727905	B2	20010104		
ZA 9700353	A	19980218	ZA 1997-353	19970116
EP 877748	A1	19981118	EP 1997-900933	19970116
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
CN 1208418	A	19990217	CN 1997-191748	19970116
BR 9707004	A	19990720	BR 1997-7004	19970116
JP 2000503651	T2	20000328	JP 1997-525608	19970116
RU 2193564	C2	20021127	RU 1998-115386	19970116
US 5792764	A	19980811	US 1997-785435	19970117
NO 9803285	A	19980916	NO 1998-3285	19980716
PRAI DK 1996-42		19960117		
DK 1996-246		19960305		
DK 1996-247		19960305		
DK 1996-248		19960305		
DK 1996-249		19960305		
WO 1997-DK18		19970116		

L4 ANSWER 130 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 127:81360 MARPAT

TI Preparation of dibenz[de,h]isoquinoline-1,3-diones antitumor agents

IN Alberts, David S.; Dorr, Robert T.; Remers, William A.; Sami, Salah M.

PA Research Corporation Technologies, Inc., USA

SO U.S., 39 pp., Cont.-in-part of U.S. Ser. No. 943,634, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI  US 5635506      A    19970603      US 1993-142283    19931118
    WO 9406771      A1   19940331      WO 1993-US8640    19930913
        W: AU, CA, JP, US
        RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
PRAI US 1990-543596  19900626
    US 1991-803314  19911204
    US 1992-943634  19920911
    WO 1993-US8640  19930913

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L4 ANSWER 131 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 127:17703 MARPAT

TI Preparation of (hetero)aromatic compounds for treating bone deficit conditions.

IN Petrie, Charles; Orme, Mark W.; Baidur, Nand; Robbins, Kirk G.; Harris, Scott M.; Kontoyianni, Maria; Hurley, Laurence H.; Kerwin, Sean M.; Mundy, Gregory R.

PA Zymogenetics, Inc., USA; Osteoscreen, Inc.; University of Texas At Austin

SO PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9715308	A1	19970501	WO 1996-US17019	19961023
	W: AL, AM, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2235481	AA	19970501	CA 1996-2235481	19961023
	AU 9674710	A1	19970515	AU 1996-74710	19961023
	AU 706262	B2	19990610		
	EP 866710	A1	19980930	EP 1996-936906	19961023
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	CN 1201393	A	19981209	CN 1996-197827	19961023
	BR 9611210	A	19991228	BR 1996-11210	19961023
	JP 2000513324	T2	20001010	JP 1997-516761	19961023
	US 6008208	A	19991228	US 1997-878868	19970619
	NO 9801810	A	19980622	NO 1998-1810	19980422
	US 6413998	B1	20020702	US 1999-453828	19991202
PRAI	US 1995-5830P		19951023		
	US 1996-735875		19961023		
	WO 1996-US17019		19961023		
	US 1997-878868		19970619		

L4 ANSWER 132 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 126:251151 MARPAT

TI Preparation and formulation of benzodioxoleacetic acid and phenylacetic acid derivatives as endothelin antagonists

IN Hayashi, Kunio; Yamamori, Teruo; Kanda, Yasuhiko

PA Shionogi and Co., Ltd., Japan; Hayashi, Kunio; Yamamori, Teruo; Kanda,

Yasuhiko
 SO PCT Int. Appl., 104 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9710214	A1	19970320	WO 1996-JP2607	19960912
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI				
	AU 9669446	A1	19970401	AU 1996-69446	19960912
PRAI	JP 1995-262337		19950914		
	WO 1996-JP2607		19960912		

L4 ANSWER 133 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 126:157762 MARPAT
 TI Preparation of indolopyrrolocarbazole nucleoside analogs as antitumors
 IN Kojiri, Katsuhisa; Kondo, Hisao; Arakawa, Hiroharu; Ohkubo, Mitsuru; Suda, Hiroyuki
 PA Banyu Pharmaceutical Co., Ltd., Japan
 SO U.S., 40 pp., Cont.-in-part of U.S. Ser. No. 5,437,996.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5591842	A	19970107	US 1994-255980	19940608
	PL 171468	B1	19970530	PL 1992-304729	19921127
	PL 172316	B1	19970930	PL 1992-316368	19921127
	PL 172609	B1	19971031	PL 1992-316369	19921127
	RO 113469	B1	19980730	RO 1993-1067	19921127
	CZ 287304	B6	20001011	CZ 1992-3508	19921127
	CN 1073948	A	19930707	CN 1992-114888	19921128
	CN 1030987	B	19960214		
	ZA 9209263	A	19930525	ZA 1992-9263	19921209
	CN 1075482	A	19930825	CN 1993-100326	19930102
	CN 1035878	B	19970917		
	US 5437996	A	19950801	US 1993-166364	19931214
	US 5589365	A	19961231	US 1995-381286	19950131
	WO 9530682	A1	19951116	WO 1995-JP868	19950502
	W: AU, CA, CN, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5668271	A	19970916	US 1995-474659	19950607
	US 5804564	A	19980908	US 1996-737382	19961108
PRAI	JP 1991-341916		19911129		
	JP 1992-69269		19920218		
	JP 1992-257306		19920901		
	US 1992-981070		19921124		
	US 1993-68097		19930528		
	US 1993-166364		19931214		
	CS 1992-3508		19921127		

WO 1992-JP1549 19921127
 JP 1992-353623 19921214
 JP 1993-53035 19930218
 JP 1994-119483 19940509
 JP 1994-145648 19940603
 US 1994-255980 19940608
 WO 1995-JP868 19950502

L4 ANSWER 134 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 126:112509 MARPAT

TI Electrochemiluminescent metal chelate labels and means for detection

IN Yang, Hongjun; Gudibande, Satyanarayana R.

PA Igen, Inc., USA

SO PCT Int. Appl., 50 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9635697	A1	19961114	WO 1996-US6404	19960507
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML			
	AU 9658543	A1	19961129	AU 1996-58543	19960507
PRAI	US 1995-436537		19950508		
	WO 1996-US6404		19960507		

L4 ANSWER 135 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 126:103115 MARPAT

TI Peptide analogs and their use as haptens to elicit catalytic antibodies

IN Hansen, David E.

PA Igen, Inc., USA

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9639443	A1	19961212	WO 1996-US9450	19960605
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN			
	AU 9661001	A1	19961224	AU 1996-61001	19960605
PRAI	US 1995-471140		19950606		
	WO 1996-US9450		19960605		

L4 ANSWER 136 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 126:88342 MARPAT
 TI Preparation of hydroxy compounds by bioconversion with dioxygenase
 IN Blacker, Andrew John; Boyd, Derek Raymond; Dalton, Howard; Bowers, Nigel
 PA Zeneca Limited, UK; Blacker, Andrew John; Boyd, Derek Raymond; Dalton, Howard; Bowers, Nigel
 SO PCT Int. Appl., 18 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9637628	A1	19961128	WO 1996-GB1208	19960520
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	CA 2216248	AA	19961128	CA 1996-2216248	19960520
	AU 9657725	A1	19961211	AU 1996-57725	19960520
	EP 828848	A1	19980318	EP 1996-914321	19960520
	EP 828848	B1	20020327		
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE, PT, IE				
	JP 11511655	T2	19991012	JP 1996-535478	19960520
	AT 215126	E	20020415	AT 1996-914321	19960520
	ES 2175092	T3	20021116	ES 1996-914321	19960520
	US 6087137	A	20000711	US 1997-945695	19971121
PRAI	GB 1995-10836		19950527		
	GB 1995-11370		19950606		
	WO 1996-GB1208		19960520		
OS	CASREACT 126:88342				

L4 ANSWER 137 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 126:59967 MARPAT
 TI Preparation of 2-pyrimidino alkyl ethers and thioethers as inhibitors of viral reverse transcriptase
 IN Nugent, Richard A.; Wishka, Donn G.; Cleek, Gary J.; Graber, David R.; Schlachter, Stephen Thomas; Murphy, Michael J.; Morris, Joel; Thomas, Richard C.
 PA Upjohn Co., USA; Nugent, Richard A.; Wishka, Donn G.; Cleek, Gary J.; Graber, David R.; Schlachter, Stephen Thomas; Murphy, Michael J.; Morris, Joel; Thomas, Richard C.
 SO PCT Int. Appl., 252 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9635678	A1	19961114	WO 1996-US6119	19960503
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR				

ZA 9603281	A	19971024	ZA 1996-3281	19960424
CA 2216099	AA	19961114	CA 1996-2216099	19960503
AU 9656353	A1	19961129	AU 1996-56353	19960503
AU 712404	B2	19991104		
EP 824524	A1	19980225	EP 1996-913306	19960503
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
CN 1183773	A	19980603	CN 1996-193791	19960503
BR 9608265	A	19990202	BR 1996-8265	19960503
JP 11507017	T2	19990622	JP 1996-534120	19960503
RU 2167155	C2	20010520	RU 1997-120116	19960503
TW 450962	B	20010821	TW 1996-85105432	19960507
US 6043248	A	20000328	US 1997-945153	19971017
NO 9705129	A	19980107	NO 1997-5129	19971107
PRAI US 1995-436708		19950508		
WO 1996-US6119		19960503		

L4 ANSWER 138 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 126:8707 MARPAT

TI Preparation of beta-sheet mimetics of peptides or proteins as inhibitors of biologically active peptides or proteins

IN Kahn, Michael

PA Molecumetics Ltd., USA

SO PCT Int. Appl., 158 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----		-----	-----	-----
PI	WO 9630035	A1	19961003	WO 1996-US4044	19960325
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	CA 2215695	AA	19961003	CA 1996-2215695	19960325
	CA 2215720	AA	19961003	CA 1996-2215720	19960325
	AU 9653714	A1	19961016	AU 1996-53714	19960325
	AU 712581	B2	19991111		
	EP 817642	A1	19980114	EP 1996-910547	19960325
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 10508034	T2	19980804	JP 1996-529567	19960325
	JP 2000319295	A2	20001121	JP 2000-79170	19960325
	ES 2161354	T3	20011201	ES 1996-910566	19960325
	US 6020331	A	20000201	US 1998-9386	19980120
	US 6245764	B1	20010612	US 1998-9665	19980120
	US 6586426	B1	20030701	US 1999-443055	19991118
PRAI	US 1995-410518		19950324		
	US 1995-549006		19951027		
	JP 1996-529594		19960325		
	US 1996-624690		19960325		
	US 1996-624695		19960325		
	WO 1996-US4044		19960325		
	US 1996-725073		19961002		

US 1998-9386 19980120

L4 ANSWER 139 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 125:331558 MARPAT

TI Indoanilines and their metal complexes, their preparation, and recording mediums comprising them

IN Ohashi, Reiji; Ryu, Yukiko; Nagai, Tomoaki; Yoshioka, Hidetoshi

PA Nippon Paper Industries Co., Ltd., Japan

SO Eur. Pat. Appl., 102 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 737722	A2	19961016	EP 1996-105788	19960412
	EP 737722	A3	19961023		
	R: DE, FR, GB				
	JP 08337586	A2	19961224	JP 1996-94672	19960326
	JP 3271893	B2	20020408		
	US 5792863	A	19980811	US 1996-631947	19960415
	US 5892042	A	19990406	US 1997-933609	19970918
	US 5919928	A	19990706	US 1997-933604	19970918
PRAI	JP 1995-113580		19950414		
	US 1996-631947		19960415		
OS	CASREACT 125:331558				

L4 ANSWER 140 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 125:328514 MARPAT

TI Preparation of benzamidine derivatives as anticoagulants

IN Buckman, Brad O.; Davey, David D.; Guilford, William J.; Morrissey, Michael M.; Ng, Howard P.; Phillips, Gary B.; Wu, Shung C.; Xu, Wei

PA Berlex Laboratories, Inc., USA

SO PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628427	A1	19960919	WO 1996-US2641	19960308
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5691364	A	19971125	US 1995-473385	19950607
	AU 9652994	A1	19961002	AU 1996-52994	19960308
	AU 707323	B2	19990708		
	EP 813525	A1	19971229	EP 1996-909536	19960308
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2000515846	T2	20001128	JP 1996-527640	19960308
	US 6004981	A	19991221	US 1997-913241	19971208
	US 6306884	B1	20011023	US 1999-436399	19991108
	US 2002028820	A1	20020307	US 2001-924893	20010807
	US 2002035109	A1	20020321	US 2001-924413	20010807
	US 6479485	B2	20021112		
	US 2002032223	A1	20020314	US 2001-924412	20010808
	US 6465459	B2	20021015		

PRAI US 1995-401829 19950310
 US 1995-473385 19950607
 WO 1996-US2641 19960308
 US 1997-913241 19971208
 US 1999-436399 19991108

L4 ANSWER 141 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 125:328144 MARPAT

TI Stereoselective ring opening reactions

IN Jacobsen, Eric N.; Leighton, James L.; Martinez, Luis E.

PA President and Fellows of Harvard College, USA

SO PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628402	A1	19960919	WO 1996-US3493	19960314
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML				
	US 5665890	A	19970909	US 1995-403374	19950314
	CA 2213007	AA	19960919	CA 1996-2213007	19960314
	AU 9653639	A1	19961002	AU 1996-53639	19960314
	AU 708622	B2	19990805		
	EP 817765	A1	19980114	EP 1996-910448	19960314
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 11502198	T2	19990223	JP 1996-527817	19960314
	PL 184857	B1	20030131	PL 1996-327632	19960314
	NO 9704234	A	19971113	NO 1997-4234	19970912
PRAI	US 1995-403374		19950314		
	WO 1996-US3493		19960314		
OS	CASREACT 125:328144				

L4 ANSWER 142 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 125:208295 MARPAT

TI Photographic bleaching compositions and processing method using ternary iron carboxylate complexes as bleaching agents

IN Buchanan, John M.; Brown, Eric R.; Gordon, Stuart

PA Eastman Kodak Company, USA

SO Eur. Pat. Appl., 25 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 723194	A1	19960724	EP 1996-200028	19960105
	EP 723194	B1	20010926		
	R: BE, CH, DE, FR, GB, IT, LI, NL				
	US 5582958	A	19961210	US 1995-370997	19950110

JP 08240893 A2 19960917 JP 1996-2344 19960110
JP 2801575 B2 19980921
PRAI US 1995-370997 19950110

L4 ANSWER 143 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 125:114628 MARPAT

TI 2-Oxopyrrolo[1,2-a]benzimidazole-3-carboxyl derivatives useful in treating
central nervous system disorders

IN Ho, Winston; Maryanoff, Bruce E.; McComsey, David F.; Nortey, Samuel O.
PA USA

SO U.S., 9 pp., Cont. of U.S. Ser. No. 175, 705, abandoned.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5521200	A	19960528	US 1994-332687	19941101
PRAI	US 1993-175705		19931230		

L4 ANSWER 144 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 125:99954 MARPAT

TI Photographic peracid bleaching composition and processing method using
ternary iron carboxylate complex as catalyst in peracid bleaching solution

IN Buchanan, John M.; Brown, Eric R.; Gordon, Stuart T.

PA Eastman Kodak Company, USA

SO U.S., 15 pp.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5521056	A	19960528	US 1995-370743	19950110.
PRAI	US 1995-370743		19950110		

L4 ANSWER 145 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 125:49344 MARPAT

TI Natriuretic cyclic compounds

IN Wechter, William J.; Murray, David E.; Kantoci, Darko; Levine, Barry H.;
Benaksas, Elaine J.

PA Loma Linda University Medical Center, USA

SO PCT Int. Appl., 74 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9605191	A1	19960222	WO 1995-US10411	19950815
	W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM				
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT,				

LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE,
SN, TD, TG

US 6150402	A	20001121	US 1994-290430	19940815
AU 9533277	A1	19960307	AU 1995-33277	19950815
EP 792270	A1	19970903	EP 1995-929559	19950815
EP 792270	B1	20030507		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 10506383	T2	19980623	JP 1996-507600	19950815
AT 239465	E	20030515	AT 1995-929559	19950815
US 6083982	A	20000704	US 1998-57731	19980409
PRAI US 1994-290430		19940815		
WO 1995-US10411		19950815		

L4 ANSWER 146 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 125:10631 MARPAT

TI Preparation of 2,9-diamino- and 2-amino-8-carbamoyl-4-hydroxyalkanoic acid amides as renin inhibitors

IN Rasetti, Vittorio; Rueeger, Heinrich; Maibaum, Juergen Klaus; Mah, Robert; Gruetter, Markus; Cohen, Nissim Claude

PA Ciba-Geigy A.-G., Switz.

SO Eur. Pat. Appl., 115 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 702004	A2	19960320	EP 1995-113964	19950906
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	AU 9530534	A1	19960328	AU 1995-30534	19950908
	US 5719141	A	19980217	US 1995-525254	19950908
	FI 9504255	A	19960316	FI 1995-4255	19950911
	CA 2158227	AA	19960316	CA 1995-2158227	19950913
	ZA 9507726	A	19960315	ZA 1995-7726	19950914
	NO 9503629	A	19960318	NO 1995-3629	19950914
	HU 74453	A2	19961230	HU 1995-2684	19950914
	CN 1169986	A	19980114	CN 1995-118418	19950914
	JP 08176087	A2	19960709	JP 1995-238779	19950918
PRAI CH 1994-2816			19940915		

L4 ANSWER 147 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 125:10625 MARPAT

TI Preparation of subunit-selective NMDA receptor-antagonist haloperidol analogs

IN Cai, Sui Xiong; Woodward, Richard M.; Lan, Nancy C.; Weber, Eckard

PA Acea Pharmaceuticals Inc., USA; Cocensys, Inc.

SO PCT Int. Appl., 107 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9602250	A1	19960201	WO 1995-US9191	19950720
	W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD,				

MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ,
 TM, TT
 RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT,
 LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE,
 SN, TD, TG

AU 9531385 A1 19960216 AU 1995-31385 19950720
 PRAI US 1994-277871 19940720
 US 1995-475990 19950607
 WO 1995-US9191 19950720

L4 ANSWER 148 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 125:10614 MARPAT

TI Preparation of benzannelated five-membered heterocyclecarboxamides as 5-HT
 receptor antagonists

IN Forbes, Ian Thomson; Jones, Graham Elgin; King, Francis David; Ham, Peter;
 Davies, David Thomas; Moghe, Angela

PA Smithkline Beecham Plc, UK

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9602537	A1	19960201	WO 1995-EP2637	19950706
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 770076	A1	19970502	EP 1995-943540	19950706
	R: BE, CH, DE, FR, GB, IT, LI, NL				
	JP 10502653	T2	19980310	JP 1995-504647	19950706
	US 5922733	A	19990713	US 1997-765933	19970630
PRAI	GB 1994-14139		19940713		
	WO 1995-EP2637		19950706		

L4 ANSWER 149 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 124:316867 MARPAT

TI Carbapenem derivatives containing a bicyclic substituent

IN Arnould, Jean-Claude

PA Zeneca Limited, UK; Zeneca-Pharma

SO Eur. Pat. Appl., 27 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 695753	A1	19960207	EP 1995-305428	19950803
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5607928	A	19970304	US 1995-508698	19950728
	JP 08059664	A2	19960305	JP 1995-201126	19950807
PRAI	EP 1994-401814		19940805		

L4 ANSWER 150 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 124:261017 MARPAT

TI 1,3-Benzodioxole-2,2-dicarboxylate derivatives and analogs as selective

.beta.3-adrenergic agents

IN Epstein, Joseph W.; Birnberg, Gary H.; Qing, Feng L.

PA American Cyanamid Co., USA

SO U.S., 20 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 5482971	A	19960109	US 1993-130601	19931001
PRAI	US 1993-130601		19931001		

L4 ANSWER 151 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 124:135707 MARPAT

TI Pharmaceutical use of transition metal complexes as peroxynitrite decomposition catalysts

IN Stern, Michael Keith; Salvemini, Daniela

PA Monsanto Co., USA

SO PCT Int. Appl., 68 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9531197	A1	19951123	WO 1995-US5886	19950509
	W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN				
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2189528	AA	19951123	CA 1995-2189528	19950509
	AU 9525120	A1	19951205	AU 1995-25120	19950509
	AU 709553	B2	19990902		
	EP 758892	A1	19970226	EP 1995-919143	19950509
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	CN 1152871	A	19970625	CN 1995-194075	19950509
	HU 76327	A2	19970828	HU 1996-3140	19950509
	BR 9507643	A	19970923	BR 1995-7643	19950509
	JP 10500671	T2	19980120	JP 1995-529755	19950509
	US 6245758	B1	20010612	US 1996-709788	19960909
	NO 9604793	A	19970106	NO 1996-4793	19961112
	FI 9604537	A	19970110	FI 1996-4537	19961112
PRAI	US 1994-242498		19940513		
	US 1995-431593		19950501		
	WO 1995-US5886		19950509		

L4 ANSWER 152 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 123:286106 MARPAT

TI Preparation of substituted cyclic carbonyl derivatives as retroviral rotease inhibitors

IN Lam, Patrick Yuk-Sun; Jadhav, Prabhakar Kondaji; Eyermann, Charles Joseph; Hodge, Carl Nicholas; De, Lucca George Vincent; Rodgers, James David

PA Du Pont Merck Pharmaceutical Co., USA

SO PCT Int. Appl., 525 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9419329	A1	19940901	WO 1994-US1609	19940223
	W: AU, CA, CZ, FI, HU, JP, KR, NO, NZ, PL, SK				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5610294	A	19970311	US 1994-197630	19940216
	AU 9465493	A1	19940914	AU 1994-65493	19940223
	EP 686151	A1	19951213	EP 1994-913262	19940223
	EP 686151	B1	20000705		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 08509700	T2	19961015	JP 1994-519072	19940223
	AT 194333	E	20000715	AT 1994-913262	19940223
	ZA 9401325	A	19950825	ZA 1994-1325	19940225
PRAI	US 1993-23439		19930226		
	US 1993-47330		19930415		
	US 1994-197630		19940216		
	US 1991-776491		19911011		
	US 1992-883944		19920515		
	US 1992-953272		19920930		
	WO 1994-US1609		19940223		

L4 ANSWER 153 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 123:286084 MARPAT

TI Dibenzocycloheptenylidenepiperidine, dibenzocycloheptenylpiperazine, and heterocyclic analogs as PAF antagonists and antihistaminics

IN Wong, Jesse K.; Piwinski, John J.; Green, Michael J.

PA USA

SO U.S., 29 pp. Cont.-in-part of U.S. Ser. No. 595,329, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5416087	A	19950516	US 1993-39072	19930407
	WO 9206970	A1	19920430	WO 1991-US7170	19911008
	W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MC, MG, MW, NO, PL, RO, SD, SU, US				
	RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
PRAI	US 1990-595329		19901010		
	WO 1991-US7170		19911008		

L4 ANSWER 154 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 123:285816 MARPAT

TI Preparation of heteronaphthoquinones and glycosides thereof as antitumor drugs.

IN Attardo, Giorgio; Wang, Wuyi; Breining, Tibor; Li, Tiechao; St.-Denis, Yves; Kraus, Jean-Louis

PA Biochem Pharma Inc., Can.

SO PCT Int. Appl., 159 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9512588	A1	19950511	WO 1994-CA210	19940506
	W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TT, UA, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9466727	A1	19950523	AU 1994-66727	19940506
PRAI	US 1993-148251		19931105		
	WO 1994-CA210		19940506		

L4 ANSWER 155 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 123:198824 MARPAT

TI Preparation of tricyclic sulfonamide inhibitors of farnesyl protein transferase for the treatment of cell proliferative diseases

IN Bishop, W. Robert; Doll, Ronald J.; Mallams, Alan K.; Njoroge, F. George; Petrin, Joanne M.; Piwinski, John J.

PA Schering Corp., USA

SO PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9510514	A1	19950420	WO 1994-US11390	19941012
	W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MN, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, UZ, VN				
	RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2173963	AA	19950420	CA 1994-2173963	19941012
	CA 2173963	C	20020319		
	AU 9479702	A1	19950504	AU 1994-79702	19941012
	AU 698960	B2	19981112		
	ZA 9407969	A	19960712	ZA 1994-7969	19941012
	EP 723539	A1	19960731	EP 1994-930649	19941012
	EP 723539	B1	20011212		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 08510445	T2	19961105	JP 1994-518410	19941012
	JP 2875392	B2	19990331		
	HU 76057	A2	19970630	HU 1996-957	19941012
	AT 210653	E	20011215	AT 1994-930649	19941012
	ES 2164717	T3	20020301	ES 1994-930649	19941012
	US 5661152	A	19970826	US 1995-444996	19950519
PRAI	US 1993-137856		19931015		
	US 1994-312350		19940926		
	WO 1994-US11390		19941012		

L4 ANSWER 156 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 123:55860 MARPAT

TI Process for the preparation of 1-(heterocyclylthio)-4,4-difluoro-3-butene-
derivative nematicides
IN Turnbull, Michael Drysdale; Willetts, Nigel James; Fitzjohn, Steven;
Kholia, Prafula Govind; Smith, Alison Mary; Salmon, Roger; Bansal,
Harjinder Singh; Williams, Alfred Glyn
PA Zeneca Ltd., UK
SO PCT Int. Appl., 33 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9504727	A1	19950216	WO 1994-GB1570	19940720
	W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KE, KG, KP, KR, KZ, LK, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9471930	A1	19950228	AU 1994-71930	19940720
	EP 712395	A1	19960522	EP 1994-921059	19940720
	EP 712395	B1	20020522		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	HU 73351	A2	19960729	HU 1995-3825	19940720
	HU 218575	B	20001028		
	CN 1128535	A	19960807	CN 1994-192999	19940720
	BR 9407164	A	19960917	BR 1994-7164	19940720
	JP 09501175	T2	19970204	JP 1994-506270	19940720
	AT 217869	E	20020615	AT 1994-921059	19940720
	ES 2177580	T3	20021216	ES 1994-921059	19940720
	IL 110432	A1	20000716	IL 1994-110432	19940725
	ZA 9405561	A	19950328	ZA 1994-5561	19940727
	US 5728833	A	19980317	US 1994-286142	19940804
	US 5914423	A	19990622	US 1997-976559	19971124
PRAI	GB 1993-16219		19930805		
	GB 1993-16220		19930805		
	GB 1993-25453		19931213		
	GB 1993-25455		19931213		
	WO 1994-GB1570		19940720		
	US 1994-286142		19940804		
OS	CASREACT 123:55860				

L4 ANSWER 157 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
AN 122:265397 MARPAT
TI Preparation of (2-fluoroethyl)thio-substituted pyrimidine agrochemical
nematicides
IN Fitzjohn, Steven; Robinson, Michael Peter
PA Zeneca Ltd., UK
SO Brit. UK Pat. Appl., 21 pp.
CODEN: BAXXDU
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2281295	A1	19950301	GB 1993-17761	19930826
PRAI	GB 1993-17761		19930826		

L4 ANSWER 158 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 122:265017 MARPAT

TI Bridged biphenyl carbapenem antibacterial compounds

IN Dininno, Frank P.

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 113 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9503700	A1	19950209	WO 1994-US8632	19940727
	W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KE, KG, KR, KZ, LK, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5401735	A	19950328	US 1993-101141	19930802
	AU 9474093	A1	19950228	AU 1994-74093	19940727
PRAI	US 1993-101141		19930802		
	WO 1994-US8632		19940727		

L4 ANSWER 159 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 122:187249 MARPAT

TI Preparation of 2-phenanthridinylcarbapenems as antibacterial agents

IN Dininno, Frank P.; Greenlee, Mark L.; Rano, Thomas A.; Lee, Wendy

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 115 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9417066	A1	19940804	WO 1994-US85	19940103
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5336674	A	19940809	US 1993-9626	19930127
	CA 2154276	AA	19940804	CA 1994-2154276	19940103
	AU 9459902	A1	19940815	AU 1994-59902	19940103
	EP 682666	A1	19951122	EP 1994-906014	19940103
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 08505874	T2	19960625	JP 1994-517039	19940103
PRAI	US 1993-9626		19930127		
	WO 1994-US85		19940103		

L4 ANSWER 160 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 121:289312 MARPAT

TI Photochromic articles and method for their preparation

IN Daniele, Girelli; Luciana, Crisci; Pietro, Allegrini

PA Enichem Synthesis S.p.A., Italy

SO Belg., 45 pp.

CODEN: BEXXAL

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 1006104	A6	19940510	BE 1993-1095	19931015
PRAI	IT 1992-MI2379		19921016		

L4 ANSWER 161 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 121:280369 MARPAT

TI Bicyclooctane- and bicycloheptane-derivative gastrin and/or
cholecystokinin receptor antagonistsIN Kalindjian, Sarkis Barret; Low, Caroline Minli Rachel; Pether, Michael
John; Davies, Jonathan Michael Richar; Dunstone, David John; McDonald,
Iain Mair

PA James Black Foundation Ltd., UK

SO PCT Int. Appl., 80 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9400421	A1	19940106	WO 1993-GB1301	19930618
	W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	GB 2268739	A1	19940119	GB 1992-13094	19920619
	AU 9343489	A1	19940124	AU 1993-43489	19930618
	EP 655053	A1	19950531	EP 1993-913402	19930618
	EP 655053	B1	19970903		
	R: DE, ES, FR, GB, IT				
	US 5674905	A	19971007	US 1994-351320	19941219
PRAI	GB 1992-13094		19920619		
	GB 1992-26549		19921221		
	WO 1993-GB1301		19930618		

L4 ANSWER 162 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 121:255510 MARPAT

TI Preparation of [(pyrimidinyl)thiomethyl]cephalosporin inner salt
antibioticsIN Kim, Won Sub; Lim, Jong Chan; Bang, Chan Sik; Yeo, Jae Hong; Kim, Yong Zu;
Oh, Hun Seung; Son, Heui Sung; Kim, Mi Rry; Seo, Mie Kyeong; et al.

PA Lucky Ltd., S. Korea

SO Eur. Pat. Appl., 46 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 584797	A2	19940302	EP 1993-113515	19930824
	EP 584797	A3	19940608		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				

KR 9710069 B1 19970620 KR 1993-16370 19930823
 JP 06184162 A2 19940705 JP 1993-209405 19930824
 PRAI KR 1992-15176 19920824

L4 ANSWER 163 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 121:230759 MARPAT

TI Thienopyridine derivatives and analogs useful as fibrinogen receptor antagonists

IN Hartman, George D.; Halczenko, Wasyl; Prugh, John D.

PA Merck and Co., Inc., USA

SO U.S., 21 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5334596	A	19940802	US 1993-62510	19930511
	WO 9426745	A1	19941124	WO 1994-US4757	19940502
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TT, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9468221	A1	19941212	AU 1994-68221	19940502
	AU 681668	B2	19970904		
	EP 698023	A1	19960228	EP 1994-916613	19940502
	EP 698023	B1	20000823		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 08509982	T2	19961022	JP 1994-525490	19940502
	AT 195737	E	20000915	AT 1994-916613	19940502
	ES 2148329	T3	20001016	ES 1994-916613	19940502
PRAI	US 1993-62510		19930511		
	WO 1994-US4757		19940502		

L4 ANSWER 164 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 121:191489 MARPAT

TI Thin-film organic electroluminescent element for flat display, etc.

IN Nishizaki, Koji; Takeuchi, Shigeki; Kinoshita, Akira; Shibata, Toyoko; Tamaki, Kyoshi

PA Konishiroku Photo Ind, Japan

SO Jpn. Kokai Tokkyo Koho, 143 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05214334	A2	19930824	JP 1992-20031	19920205
PRAI	JP 1992-20031		19920205		

L4 ANSWER 165 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 121:145201 MARPAT

TI Photographic processing composition and processing method

IN Inaba, Tadashi; Okada, Hisashi; Suzuki, Ryo Hisashi; Katsuoka, Yasuhiro; Seki, Hiroyuki

PA Fuji Photo Film Co., Ltd., Japan
 SO Eur. Pat. Appl., 57 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 588289	A2	19940323	EP 1993-114696	19930913
	EP 588289	A3	19940727		
	EP 588289	B1	19990804		
	R: DE, FR, GB, NL				
	JP 06095319	A2	19940408	JP 1992-247814	19920917
	JP 2886748	B2	19990426		
	US 5338649	A	19940816	US 1993-120461	19930914
PRAI	JP 1992-247814		19920917		

L4 ANSWER 166 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 120:323604 MARPAT

TI preparation of condensed heterocyclic derivatives as weedkillers

IN Yokota, Sumio; Matsuzawa, Masafumi; Ohba, Nobuyuki; Nagata, Toshihiro;
 Tachikawa, Shigehiko

PA Kumiai Chemical Industry Co., Ltd., Japan; Ihara Chemical Industry Co.,
 Ltd.

SO PCT Int. Appl., 134 pp.
 CODEN: PIXXD2

DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9401415	A1	19940120	WO 1993-JP909	19930702
	W: AU, BR, CA, RU, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 07025857	A2	19950127	JP 1993-187364	19930630
	AU 9345131	A1	19940131	AU 1993-45131	19930702
	AU 662997	B2	19950921		
	EP 606489	A1	19940720	EP 1993-914944	19930702
	R: BE, DE, DK, FR, GB, IT, SE				
	BR 9305569	A	19951226	BR 1993-5569	19930702
	RU 2105005	C1	19980220	RU 1994-19415	19930702
	CN 1095379	A	19941123	CN 1993-117053	19930831
	US 5616537	A	19970401	US 1994-204199	19940301
	US 5770544	A	19980623	US 1996-728531	19961009
PRAI	JP 1992-199054		19920703		
	JP 1993-136808		19930514		
	WO 1993-JP909		19930702		
	US 1994-204199		19940301		

L4 ANSWER 167 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)

AN 120:271074 MARPAT

TI Nuclease-stable and binding-competent oligomers and methods for their use

IN Swaminathan, Sundaramoorthi; Jones, Robert J.; Matteucci, Mark; Munger,
 John; Pudlo, Jeff

PA Gilead Sciences, Inc., USA

SO PCT Int. Appl., 138 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9312135	A1	19930624	WO 1992-US10793	19921211
	W: AU, CA, JP, KR				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9332500	A1	19930719	AU 1993-32500	19921211
	EP 616612	A1	19940928	EP 1993-900169	19921211
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5792608	A	19980811	US 1995-417632	19950406
PRAI	US 1991-806710		19911212		
	US 1992-990848		19921211		
	WO 1992-US10793		19921211		

L4 ANSWER 168 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITS ARE ITERATION INCOMPLETES)

AN 120:217719 MARPAT

TI Preparation of nitrogen-containing heterocyclic compounds

IN Watabe, Yoshihisa; Kondo, Teruyuki; Akazome, Motohiro

PA Nissan Chemical Ind Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05239036	A2	19930917	JP 1992-41028	19920227
PRAI	JP 1992-41028		19920227		
OS	CASREACT 120:217719				

L4 ANSWER 169 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 120:191707 MARPAT

TI 2-Substituted saccharin derivative proteolytic enzyme inhibitors

IN Hlasta, Dennis John; Desai, Ranjit Chimanlal; Subramanyam, Chakrapani; Lodge, Eric Piatt; Dunlap, Richard Paul; Boaz, Neil Warren; Mura, Albert Joseph; Latimer, Lee Hamilton

PA Sterling Winthrop Inc., USA

SO Eur. Pat. Appl., 77 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 542372	A1	19930519	EP 1992-203469	19921112
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5236917	A	19930817	US 1991-793033	19911115
	AU 9225340	A1	19930520	AU 1992-25340	19920925
	AU 654581	B2	19941110		
	CA 2079822	AA	19930516	CA 1992-2079822	19921005
	NO 9204401	A	19930518	NO 1992-4401	19921113
	HU 66873	A2	19950130	HU 1992-3566	19921113
	IL 103748	A1	19970218	IL 1992-103748	19921113
	RU 2101281	C1	19980110	RU 1992-4381	19921113

	JP 05194444	A2	19930803	JP 1992-305295	19921116
	US 5371074	A	19941206	US 1993-67637	19930524
	US 5650422	A	19970722	US 1994-270964	19940705
	US 5596012	A	19970121	US 1995-449152	19950524
	US 5874432	A	19990223	US 1997-803297	19970220
PRAI	US 1991-793033		19911115		
	US 1989-347125		19890504		
	US 1989-347126		19890504		
	US 1990-514920		19900426		
	US 1993-67637		19930524		
	US 1994-270964		19940705		

L4 ANSWER 170 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITs ARE ITERATION INCOMPLETES)

AN 120:134530 MARPAT

TI Preparation of (imidazolyl- and imidazolylalkyl)indole derivatives as inhibitors of thromboxane A2 synthesis and histamine

IN Matsui, Hiroshi; Kamiya, Shoji; Shirahase, Hiroaki; Nakamura, Shohei

PA Kyoto Pharmaceutical Industries, Ltd., Japan

SO PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9320065	A1	19931014	WO 1993-JP378	19930326
	W: AU, CA, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2109931	AA	19931014	CA 1993-2109931	19930326
	AU 9337680	A1	19931108	AU 1993-37680	19930326
	AU 658729	B2	19950427		
	EP 597112	A1	19940518	EP 1993-906837	19930326
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5538973	A	19960723	US 1995-393042	19950223
PRAI	JP 1992-102071		19920327		
	WO 1993-JP378		19930326		
	US 1993-142443		19931126		

L4 ANSWER 171 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

(ALL HITs ARE ITERATION INCOMPLETES)

AN 120:107001 MARPAT

TI Heterocyclic and aromatic amidine derivatives and salts thereof

IN Nagahara, Takayasu; Kanaya, Naoaki; Inamura, Kazue; Yokoyama, Yukio

PA Daiichi Pharmaceutical Co., Ltd., Japan

SO Eur. Pat. Appl., 94 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 540051	A1	19930505	EP 1992-118705	19921030
	EP 540051	B1	19960403		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	ZA 9208276	A	19930506	ZA 1992-8276	19921026
	IL 103564	A1	19981206	IL 1992-103564	19921027
	NO 9204164	A	19930503	NO 1992-4164	19921029

DE 4236574	A1	19930506	DE 1992-4236574	19921029
CA 2081836	AA	19930501	CA 1992-2081836	19921030
AU 9227470	A1	19930506	AU 1992-27470	19921030
AU 666137	B2	19960201		
JP 05208946	A2	19930820	JP 1992-292892	19921030
JP 2879718	B2	19990405		
US 5300851	A	19940405	US 1992-969369	19921030
HU 65890	A2	19940728	HU 1992-3433	19921030
AT 136293	E	19960415	AT 1992-118705	19921030
ES 2088073	T3	19960801	ES 1992-118705	19921030
PL 170312	B1	19961129	PL 1992-296439	19921030
JP 10291931	A2	19981104	JP 1998-85454	19921030
CZ 284381	B6	19981111	CZ 1992-3276	19921030
SK 279807	B6	19990413	SK 1992-3276	19921030
RU 2139851	C1	19991020	RU 1992-4542	19921030
SG 78251	A1	20010220	SG 1996-6031	19921030
CN 1072677	A	19930602	CN 1992-114304	19921031
CN 1049434	B	20000216		
BG 63237	B2	20010629	BG 1994-98594	19940225
US 5576343	A	19961119	US 1995-468304	19950606
US 5620991	A	19970415	US 1995-471173	19950606
CN 1168885	A	19971231	CN 1997-110745	19970416
CN 1097052	B	20021225		
CN 1168886	A	19971231	CN 1997-110748	19970416
CN 1062865	B	20010307		
US 5866577	A	19990202	US 1997-924504	19970905
US 5962695	A	19991005	US 1998-131235	19980807
PRAI JP 1991-286088		19911031		
JP 1991-285919		19911031		
JP 1992-292892		19921030		
US 1992-969369		19921030		
US 1992-969396		19921030		
US 1994-282571		19940729		
US 1995-469593		19950606		
US 1997-924504		19970905		

L4 ANSWER 172 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 119:273400 MARPAT
 TI Continuous reaction of halopyrimidines with amines
 IN Arnold, Siegbert; Frosch, Hans Georg; Hoppe, Manfred; Muellers, Wolfgang;
 Sommer, Richard
 PA Bayer A.-G., Germany
 SO Eur. Pat. Appl., 26 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 542079	A2	19930519	EP 1992-118736	19921102
	EP 542079	A3	19940817		
	EP 542079	B1	19970723		
	R: CH, DE, FR, GB, LI				
	DE 4137291	A1	19930519	DE 1991-4137291	19911113
	JP 05222306	A2	19930831	JP 1992-321425	19921106
	US 5420255	A	19950530	US 1994-200865	19940222
PRAI	DE 1991-4137291		19911113		
	US 1992-970897		19921103		

L4 ANSWER 173 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 119:271017 MARPAT
 TI Preparation of pyridylaminocyclopentanecarboxamide having antihypertensive properties
 IN Fink, Cynthia A.; Spada, Alfred P.
 PA Rhone-Poulenc Rorer Pharmaceuticals Inc., USA
 SO U.S., 14 pp. Cont.-in-part of U.S. Ser. No. 587,884.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5217982	A	19930608	US 1990-614323	19901115
	CA 2092305	AA	19920326	CA 1991-2092305	19910925
	CA 2092305	C	20030211		
	AT 147074	E	19970115	AT 1991-917927	19910925
	ES 2095960	T3	19970301	ES 1991-917927	19910925
	SG 80526	A1	20010522	SG 1996-3118	19910925
PRAI	US 1990-587884		19900925		

L4 ANSWER 174 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)
 AN 119:152116 MARPAT
 TI Use of renin inhibitors for the treatment of glaucoma
 IN Tanaka, Yoko; Kagayama, Akira; Hata, Takehisa
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 25 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9312796	A1	19930708	WO 1992-JP1656	19921218
	W: AU, CA, HU, JP, KR, RU, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	ZA 9209738	A	19930617	ZA 1992-9738	19921215
	AU 9331712	A1	19930728	AU 1993-31712	19921218
	AU 661748	B2	19950803		
	EP 617622	A1	19941005	EP 1993-900396	19921218
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 07506807	T2	19950727	JP 1992-511545	19921218
	CN 1088934	A	19940706	CN 1993-101190	19930102
PRAI	GB 1991-27041		19911220		
	WO 1992-JP1656		19921218		

L4 ANSWER 175 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 (ALL HITS ARE ITERATION INCOMPLETES)
 AN 119:95543 MARPAT
 TI Preparation of annelated quinazoline derivatives as acetylcholinesterase inhibitors for treatment of cognitive deficiency
 IN Gregor, Vlad Edward
 PA Warner-Lambert Co., USA
 SO PCT Int. Appl., 137 pp.
 CODEN: PIXXD2
 DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9303034	A1	19930218	WO 1992-US5864	19920722
	W: AU, CA, CS, FI, HU, JP, KR, NO, RU				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
	CA 2113115	AA	19930218	CA 1992-2113115	19920722
	AU 9223978	A1	19930302	AU 1992-23978	19920722
	AU 665207	B2	19951221		
	EP 597956	A1	19940525	EP 1992-916726	19920722
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
	HU 66324	A2	19941128	HU 1994-258	19920722
	CZ 281628	B6	19961113	CZ 1994-135	19920722
	ZA 9205660	A	19940128	ZA 1992-5660	19920728
	FI 9400393	A	19940311	FI 1994-393	19940126
	NO 9400305	A	19940328	NO 1994-305	19940128
	US 5486512	A	19960123	US 1994-214911	19940317
PRAI	US 1991-736888		19910729		
	US 1992-911662		19920716		
	WO 1992-US5864		19920722		

L4 ANSWER 176 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 119:82775 MARPAT

TI Color photographic material for color proofing

IN Inoe, Akyuki; Hirano, Shigeo; Hanaki, Koichi

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 40 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04299339	A2	19921022	JP 1991-87399	19910328
PRAI	JP 1991-87399		19910328		

L4 ANSWER 177 OF 182 MARPAT COPYRIGHT 2003 ACS on STN

AN 118:233888 MARPAT

TI Substituted bicyclic bisaryl compounds exhibiting selective leukotriene B4
antagonist activity, their preparation and use in pharmaceutical
compositions

IN Dereu, Norbert; Hendel, Wolfram; Labaudiniere, Richard

PA Rhone-Poulenc Rorer S. A., Fr.

SO PCT Int. Appl., 95 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9201675	A2	19920206	WO 1991-EP1341	19910718
	WO 9201675	A3	19920806		
	W: AU, CA, CS, FI, HU, JP, KR, NO, SU, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	FR 2665159	A1	19920131	FR 1990-9453	19900724
	FR 2665159	B1	19921113		

CA 2087848	AA	19920125	CA 1991-2087848	19910718
AU 9181948	A1	19920218	AU 1991-81948	19910718
EP 540604	A1	19930512	EP 1991-913522	19910718
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 05508845	T2	19931209	JP 1991-512181	19910718
HU 68663	A2	19950728	HU 1993-190	19910718
ZA 9105759	A	19920527	ZA 1991-5759	19910723
NO 9300201	A	19930121	NO 1993-201	19930121
US 5366982	A	19941122	US 1993-966151	19930217
US 5492915	A	19960220	US 1994-318919	19941006
PRAI FR 1990-9453		19900724		
WO 1991-EP1341		19910718		
US 1993-966151		19930217		

L4 ANSWER 178 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
(ALL HITS ARE ITERATION INCOMPLETES)

AN 116:128686 MARPAT

TI Benzoheterocyclic compounds

IN Ogawa, Hidenori; Miyamoto, Hisashi; Kondo, Kazumi; Yamashita, Hiroshi;
Nakaya, Kenji; Komatsu, Hajime; Tanaka, Michinori

PA Otsuka Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 909 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9105549	A1	19910502	WO 1990-JP1340	19901018
	W: KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	EP 450097	A1	19911009	EP 1990-915185	19901018
	EP 450097	B1	19960424		
	R: CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
	ES 2089033	T3	19961001	ES 1990-915185	19901018
	CN 1051038	A	19910501	CN 1990-108449	19901019
	CN 1027505	B	19950125		
	JP 04154765	A2	19920527	JP 1990-282568	19901019
	JP 07076214	B4	19950816		
	AU 9172917	A1	19911219	AU 1991-72917	19910314
	AU 630284	B2	19921022		
	CA 2066104	AA	19921020	CA 1992-2066104	19920415
	CA 2066104	C	20030527		
	AU 9214984	A1	19921022	AU 1992-14984	19920416
	AU 646334	B2	19940217		
	EP 514667	A1	19921125	EP 1992-106606	19920416
	EP 514667	B1	19950809		
	R: CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
	CN 1066653	A	19921202	CN 1992-103409	19920416
	CN 1035670	B	19970820		
	ES 2078576	T3	19951216	ES 1992-106606	19920416
	JP 05132466	A2	19930528	JP 1992-96880	19920417
	JP 2916536	B2	19990705		
	US 5244898	A	19930914	US 1992-870318	19920417
	CN 1107146	A	19950823	CN 1994-101827	19940302
	CN 1048484	B	20000119		
	US 5753677	A	19980519	US 1995-474544	19950607
PRAI	JP 1989-274338		19891020		

JP 1990-66063 19900315
 JP 1990-105580 19900420
 JP 1990-181858 19900709
 JP 1991-87994 19910419
 WO 1990-JP1340 19901018
 US 1991-762015 19910619
 US 1992-851541 19920313
 US 1993-76804 19930610

L4 ANSWER 179 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 115:183340 MARPAT
 TI Preparation of (sulfonylcarbamoyl)pyrimidines as herbicides and plant growth regulators
 IN Ort, Oswald; Willms, Lothar; Bauer, Klaus; Bieringer, Hermann; Schulz, Arno; Sachse, Burkhard; Braun, Peter
 PA Hoechst A.-G., Germany
 SO Ger. Offen., 94 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3935277	A1	19910502	DE 1989-3935277	19891024
	CA 2071815	AA	19910425	CA 1990-2071815	19901018
	WO 9106541	A1	19910516	WO 1990-EP1768	19901018
	W: AU, BR, CA, HU, JP, SU, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	AU 9066395	A1	19910531	AU 1990-66395	19901018
	EP 497851	A1	19920812	EP 1990-916278	19901018
	EP 497851	B1	19950104		
	R: DE, ES, FR, GB, IT				
	BR 9007776	A	19920915	BR 1990-7776	19901018
	ZA 9008461	A	19910828	ZA 1990-8461	19901023
	US 5324710	A	19940628	US 1992-849034	19920421
PRAI	DE 1989-3935277		19891024		
	WO 1990-EP1768		19901018		

L4 ANSWER 180 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 113:40711 MARPAT
 TI Preparation of pyrimidopyrimidine derivatives useful as bronchodilators, vasodilators, antiallergic agents, and phosphodiesterase inhibitors
 IN Coates, William John
 PA Smith Kline and French Laboratories Ltd., UK
 SO Eur. Pat. Appl., 32 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 351058	A1	19900117	EP 1989-305910	19890612
	EP 351058	B1	19930602		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	AT 90099	E	19930615	AT 1989-305910	19890612
	ES 2055056	T3	19940816	ES 1989-305910	19890612
	CA 1339573	A1	19971209	CA 1989-602442	19890612
	AU 8936358	A1	19900104	AU 1989-36358	19890614

AU 612853	B2	19910718		
DK 8902971	A	19891217	DK 1989-2971	19890615
ZA 8904564	A	19910424	ZA 1989-4564	19890615
JP 02040388	A2	19900209	JP 1989-155561	19890616
JP 2744070	B2	19980428		
US 5162316	A	19921110	US 1991-669691	19910313
PRAI GB 1988-14352		19880616		
EP 1989-305910		19890612		
US 1989-365341		19890613		

L4 ANSWER 181 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 109:165722 MARPAT
 TI Preparation of triazolinone herbicides
 IN Theodoridis, George
 PA FMC Corp., USA
 SO PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 8801133	A1	19880225	WO 1987-US1928	19870805
	W: BR, HU, JP, KR				
	RW: BE, CH, DE, FR, GB, IT				
	EP 322413	A1	19890705	EP 1987-905518	19870805
	R: BE, CH, DE, FR, GB, IT, LI				
	HU 48799	A2	19890728	HU 1987-4354	19870805
	BR 8707779	A	19890815	BR 1987-7779	19870805
	JP 02500271	T2	19900201	JP 1987-505029	19870805
	ZA 8706179	A	19880427	ZA 1987-6179	19870820
	CN 1032005	A	19890329	CN 1987-105742	19870820
PRAI	US 1986-898453		19860820		
	WO 1987-US1928		19870805		

L4 ANSWER 182 OF 182 MARPAT COPYRIGHT 2003 ACS on STN
 AN 109:6320 MARPAT
 TI Preparation of 2-[(pyridinioamino)alkyl]penemcarboxylates as antibacterial agents
 IN Schneider, Peter
 PA Ciba-Geigy A.-G., Switz.
 SO Eur. Pat. Appl., 23 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 256990	A1	19880224	EP 1987-810462	19870814
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	FI 8703556	A	19880221	FI 1987-3556	19870817
	DK 8704321	A	19880221	DK 1987-4321	19870819
	NO 8703500	A	19880222	NO 1987-3500	19870819
	AU 8777217	A1	19880225	AU 1987-77217	19870819
	JP 63051387	A2	19880304	JP 1987-204285	19870819
	ZA 8706135	A	19880427	ZA 1987-6135	19870819
PRAI	CH 1986-3346		19860820		

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L1 STRUCTURE UPLOADED

L2 0 S L1 SSS FULL

FILE 'MARPAT' ENTERED AT 10:23:40 ON 29 AUG 2003

L3 QUE L1

FILE 'MARPAT' ENTERED AT 10:28:45 ON 29 AUG 2003

L4 182 S L1 SSS FULL

L5 0 S L4 AND MODULATORS OF CELL REGULATION

=> s l4 and Syk inhibitor

L6 0 L4 AND SYK INHIBITOR

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

297.07

449.03

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FILE COVERS 1907 - 29 Aug 2003 VOL 139 ISS 10

FILE LAST UPDATED: 28 Aug 2003 (20030828/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L7 182 L4

=> s l7 and Syk

L8 1 L7 AND SYK

=> s l7 and modulators of cell regulation

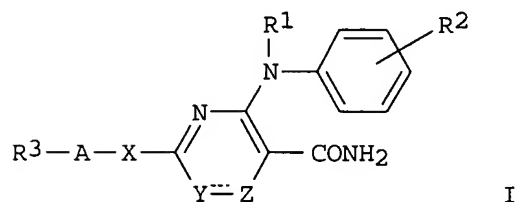
L9 0 L7 AND MODULATORS OF CELL REGULATION

=> d l8 fbib hitstr abs total

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:881124 CAPLUS
 DN **134:42141**
 TI Preparation of novel heterocyclic carboxamide derivatives as spleen
 tyrosine kinase inhibitors
 IN Hisamichi, Hiroyuki; Kawazoe, Souichirou; Tanabe, Kazuhito; Ichikawa,
 Atsushi; Orita, Akiko; Suzuki, Takayuki; Onda, Kenichi; Takeuchi, Makoto
 PA Yamanouchi Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000075113	A1	20001214	WO 2000-JP3767	20000609
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG JP 1999-162692 A 19990609 JP 2000-171185 20000607 JP 1999-162692 A 19990609 EP 1184376 A1 20020306 EP 2000-935619 20000609 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO JP 1999-162692 A 19990609 WO 2000-JP3767 W 20000609				
	JP 2001055378	A2	20010227	JP 2000-171185	20000607
	EP 1184376	A1	20020306	EP 2000-935619	20000609
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO JP 1999-162692 A 19990609 WO 2000-JP3767 W 20000609				

OS MARPAT 134:42141
 GI



AB Nitrogenous six-membered heterocycle compds. bearing as the substituents
 -X-A-R3, -N-(R1)-(R2-substituted Ph) and -CONH2 [I; wherein A =
 (substituted) lower alkylene, (substituted) (hetero)arylene,
 cycloalkylene; X = NR4, CONR4, NR4CO, O, S; the dotted line between Y and
 Z represents the presence of a bond (Y:Z) or the absence of a bond (Y-Z);
 Y-Z = NR5-CO, CO-NR5, NR5-NR5, CO-CO; Y:Z = N:CR1, CR7:N, N:N, CR7:CR7; R4
 = each H, lower alkyl, -CO-lower alkyl, or -SO2-lower alkyl; R2 = H,
 (halo-substituted) lower alkyl, -O-lower alkyl, -S-lower alkyl, -O-aryl,
 nitro, cyano, or the like; R3 = -CO2H, -CO2-lower alkyl, -lower
 alkylene-CO2H, -NH2, -alkylene-NH2, or the like; R5 = H, lower alkyl; R6 =
 lower alkyl, OH, -O-lower alkyl, -O-(substituted) aryl, -O-lower

alkylene-(substituted) aryl, -NR1-(substituted) aryl, -CO-lower alkyl-(substituted) aryl; R7 = H, R6] salts or prodrugs thereof are prepd. Also claimed are spleen tyrosine kinase (**Syk**) inhibitors contg. the compds. I or the salts or the prodrugs thereof as the active ingredient. The compds. I are useful for the prevention or treatment of allergies, inflammations, autoimmune diseases, cancers, transplant rejection, graft-vs.-host diseases, and thrombosis. Thus, 2.76 mL cis-1,2-cyclohexanediamine was added to a mixt. of 605 mg 6-chloro-2-(3-methylanilino)pyridine-3-carboxamide and 10 mL MeCN and refluxed for 5 days to give 230 mg 6-(cis-2-aminohexylamino)-2-(3-methylanilino)pyrazine-3-carboxamide (II). II showed IC50 of .1toreq.0.05 .mu.M against **Syk**, good inhibition against passive cutaneous anaphylaxis (PCA) in mice sensitized by anti-dinitrophenyl-IgE (DNP-IgE), and IC50 of .1toreq.0.1 .mu.M against serotonin release according to the assay described by Collado-Escobar (J. Immunol. 144, 1990).

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'REGISTRY' ENTERED AT 10:22:55 ON 29 AUG 2003

L1 STRUCTURE UPLOADED

L2 0 S L1 SSS FULL

FILE 'MARPAT' ENTERED AT 10:23:40 ON 29 AUG 2003

L3 QUE L1

FILE 'MARPAT' ENTERED AT 10:28:45 ON 29 AUG 2003

L4 182 S L1 SSS FULL

L5 0 S L4 AND MODULATORS OF CELL REGULATION

L6 0 S L4 AND SYK INHIBITOR

FILE 'CAPLUS' ENTERED AT 10:43:44 ON 29 AUG 2003

L7 182 S L4

L8 1 S L7 AND SYK

L9 0 S L7 AND MODULATORS OF CELL REGULATION

=> d l7 fbib hitstr abs total

L7 ANSWER 1 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:376725 CAPLUS

DN **138:387140**

TI Heterogeneous Diels-Alder reaction zeolitic catalysts

IN Caplan, Neil Aubrey; Hancock, Frederick Ernest

PA Johnson Matthey PLC, UK

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003039746	A1	20030515	WO 2002-GB4928	20021031

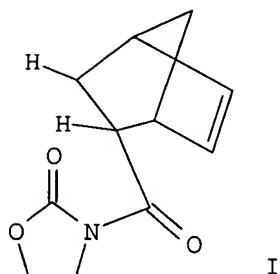
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CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
 TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG

GB 2001-26935 A 20011109

OS MARPAT 138:387140

GI



AB A process for performing a catalytic Diels-Alder reaction by reacting a diene with a dienophile in the presence of a heterogeneous catalyst comprising a zeolitic material exchanged or impregnated with ions of a Lewis acidic metal is described. The catalyst, for example, copper-exchanged zeolite Y, may be treated with chiral bis(imine) compds. to direct the chirality of the reaction products. The catalyst can be sepd. from the reaction mixt. and re-used in further Diels Alder reactions. Thus, 0.025 g acrylimide(3-(2-propenoyl)-2-oxazolidinone) in 4.0 mL DCM and 0.90 g freshly distd. cyclopentadiene were agitated at -78.degree. for 3 h in the presence of copper-exchanged zeolite Y and 2,2'-isopropylidene bis[4(S)-4-tert-butyl-2-oxazoline] to give the desired product (I).

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:319721 CAPLUS

DN 138:321292

TI Preparation of 2,4,5-trisubstituted pyrimidines as cyclin dependent kinase inhibitors

IN Dahmann, Georg; Himmelsbach, Frank; Wittneben, Helmut; Pautsch, Alexander; Prokopowicz, Anthony S.; Krist, Bernd; Schnapp, Gisela; Steegmaier, Martin; Lenter, Martin; Schoop, Andreas; Steurer, Steffen; Spevak, Walter

PA Boehringer Ingelheim Pharma K.-G., Germany; Boehringer Ingelheim Pharmaceuticals, Inc.; Boehringer Ingelheim International G.m.b.H.

SO PCT Int. Appl., 278 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

PATENT NO.

KIND DATE

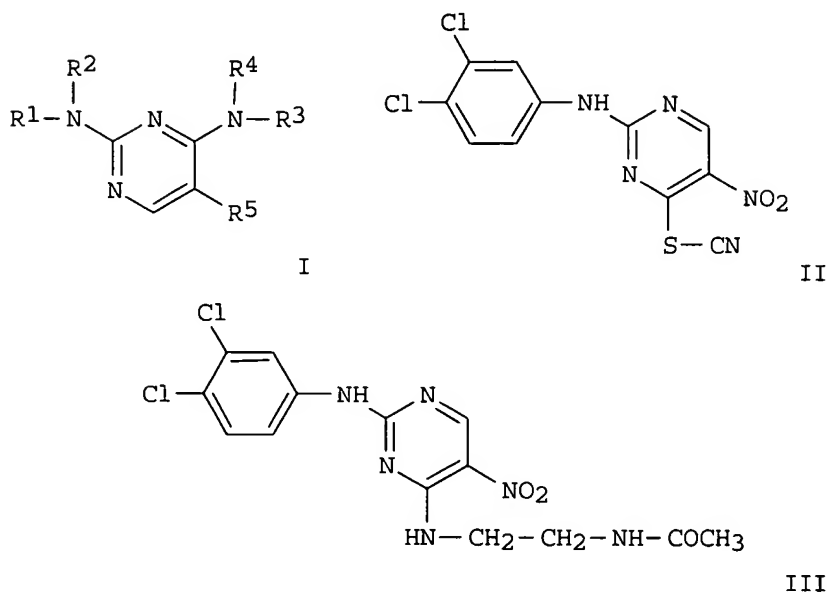
APPLICATION NO. DATE

 PI WO 2003032997 A1 20030424 WO 2002-EP11453 20021014
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
 RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG

US 2001-330145PP 20011017

OS MARPAT 138:321292

GI



AB Title compds. I [R1 = H, alkyl; R2 = (un)substituted alkyl; R3 = H, alkyl; R4 = (un)substituted alkyl; R5 = halo] and their pharmaceutically acceptable salts were prepd. For example, condensation of thiocyanatopyrimidine II, e.g., prepd. from 3,4-dichloroaniline and 2-chloro-4-thiocyanato-5-nitropyrimidine in one step, and acetylaminoethylamine provided trisubstituted pyrimidine III in 88% yield. In CDK1/CyclinB1 kinase inhibition studies, 88-examples of compds. I exhibited IC50 values more than 100 nM. Compds. I are claimed useful for the treatment of diseases characterized by abnormal cell proliferation.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:319718 CAPLUS

DN 138:338160

TI Preparation of diaminopyrimidines as inhibitors of .beta. amyloid
 formation or its release

IN Himmelsbach, Frank; Fuchs, Klaus; Briem, Hans; Fechteler, Katja; Kostka, Markus; Dorner-Ciossek, Cornelia; Bornemann, Klaus; Klinder, Klaus
 PA Boehringer Ingelheim Pharma K.-G., Germany
 SO PCT Int. Appl., 88 pp.
 CODEN: PIXXD2

DT Patent

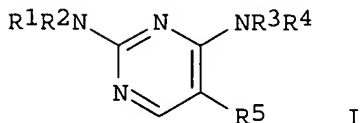
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003032994	A2	20030424	WO 2002-EP11345	20021010
	WO 2003032994	A3	20030612		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003134838	A1	20030717	US 2001-330128PP	20011017
				US 2002-272160	20021016
				US 2001-330128PP	20011017

OS MARPAT 138:338160

GI



AB The title compds. [I; R1 = H, alkyl; R2 = (substituted) Ph; R3 = (substituted) alkyl, cycloalkyl, cycloalkylalkyl, arylalkyl, alkenyl, alkynyl; R4 = H, alkyl; or NR3R4 = (substituted) 3-7 membered alkylenimino; R5 = NO2, amino, alkylamino, dialkylamino, etc.], were prepd. Thus, 2-chloro-4-methylamino-5-nitropyrimidine and 3,4-dichloroaniline were heated in the presence of sulfolane for 45 min at 160.degree. in an oil bath to give 90% 2-(3,4-dichlorophenylamino)-4-methylamino-5-nitropyrimidine. Several I inhibited formation of .beta. amyloid with IC50 = 4-1100 .mu.M.

L7 ANSWER 4 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:301088 CAPLUS

DN 138:321580

TI Preparation of cross-linked glycopeptide-cephalosporin derivatives as antibiotics

IN Fatheree, Paul; Linsell, Martin S.; Long, Daniel D.; Marquess, Daniel; Moran, Edmund J.; Nodwell, Matthew B.; Turner, S. Derek; Aggen, James

PA Theravance, Inc., USA

SO PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003031449	A2	20030417	WO 2002-US32534	20021011
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003130173	A1	20030710	US 2001-328889PP	20011012
				US 2002-269471	20021011
				US 2001-328889PP	20011012
OS	MARPAT 138:321580				
GI					

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB This invention provides cross-linked glycopeptide cephalosporin compds. I, wherein X1 and X2 are independently H, Cl; R1 is hetero-atom-contg. linker; R2 is H, alkyl; R3 is independently alkyl, alkenyl, alkynyl, cycloalkyl, heteroaryl, heterocyclic; one of R4 and R5 is H the other is OH; R6 and R7 are independently H, Me; R8 is H, heterocycle; m is 0-3; and pharmaceutically acceptable salts thereof which are useful as antibiotics. This invention also provides pharmaceutical compns. contg. such compds.; methods for treating bacterial infections in a mammal using such compds.; and processes and intermediates useful for prepg. such compds. Thus, I (X1 = X2 = Cl, R1 = (CH2)3, R2 = R5 = R6 = R8 = H, R4 = OH, R7 = Me, m = 0) was prepd. and tested in mice for its antibacterial activity (ED50 < 0.20 mg/Kg) compared to (ED50 = 9 mg/Kg) for vancomycin.

L7 ANSWER 5 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:242278 CAPLUS

DN 138:271682

TI Preparation of cyclic hydroxamic acids as inhibitors of matrix metalloproteinases and/or TNF-.alpha. converting enzyme for treatment of inflammatory disorders

IN Ott, Gregory; Chen, Xiao-Tao; Duan, Jingwu; Lu, Zhonghui

PA Bristol-Myers Squibb Company, USA

SO PCT Int. Appl., 344 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003024899	A2	20030327	WO 2002-US29685	20020916
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,			

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
 RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG

US 2003139388 A1 20030724

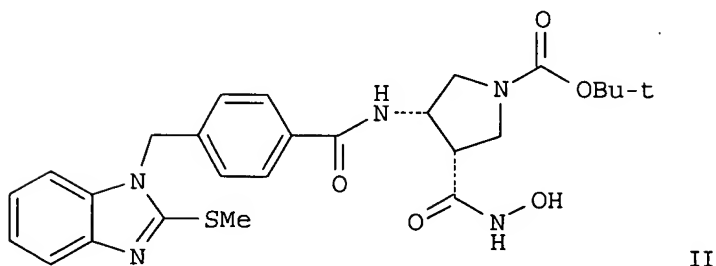
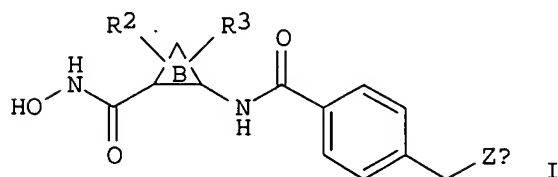
US 2001-322630PP 20010917

US 2002-244626 20020916

US 2001-322630PP 20010917

OS MARPAT 138:271682

GI



AB Title compds. I [wherein ring B = (un)substituted 4-7 membered (hetero)cyclic ring contg. 0-2 O, N, NR1, or SOp atoms and 0-3 carbonyl groups; R1 and R2 = independently Q, alk(en/yn)ylene-Q, or (un)substituted alkylene-Q interrupted by O, NRa, CO, CO2, CONRa, NRaCO, NRaCO2, NRaCONRa, SOp, NRaSO2, or SO2NRa; or R1 = (un)substituted alkylene-Q interrupted by OCO, OCO2, or OCONRa; Q = H or (un)substituted (hetero)cyclyl; R3 = Q1, Cl, F, alk(en/yn)ylene-Q1, or (un)substituted alkylene-Q1 interrupted by O, NR1, NRaCO, CONRa, CO, CO2, SOp, or SO2NRa; Q1 = H or (un)substituted Ph, naphthyl, or heterocyclyl; Za = (un)substituted benzimidazolyl, indolyl, imidazopyridinyl, pyrazolylpyridinyl, benzofuranyl, benzothiazinyl, quinolinyl, etc.; Ra = independently H, alkyl, Ph, or benzyl; p = 0-2; or stereoisomers or pharmaceutically acceptable salts thereof] were prepd. as inhibitors of matrix metalloproteinases (MMP), TNF- α converting enzyme (TACE), aggrecanase, or a combination thereof. For example, reaction of benzyl Me maleate with paraformaldehyde and glycine gave benzyl Me (cis)-3,4-pyrrolidinedicarboxylate (100%). BOC-protection (64%), debenzylation (96%), resolu. of the (3S,4S)-isomer with (S)-.alpha.-methylbenzylamine, conversion to the carbamate with DPPA and PhCH2OH (76%), and Pd catalyzed hydrogenation (100%) provided Me (3S,4S)-4-amino-1-(tert-butoxycarbonyl)-3-pyrrolidinecarboxylate.

Coupling of the amine with 4-[(2-methylthio-1H-benzimidazol-1-yl)methyl]benzoic acid (prepn. given) afforded the amide (99%), which was treated with $\text{NH}_2\text{OH} \cdot \text{HCl}/\text{MeONa}$ to give the hydroxamic acid (3S,4S)-II (33%). A no. of the compds. of the invention inhibited MMP-1, 2, 3, 7, 8, 9, 10, 12, 13, 14, 15, and/or 16 with K_i values of $\leq 10 \mu\text{M}$. Thus, I are useful for the treatment of a wide variety of inflammatory disorders (no data).

L7 ANSWER 6 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:202622 CAPLUS

DN **138:238028**

TI Preparation of substituted indeno[1,2-c]isoquinoline derivatives for the treatment of inflammatory disease or reperfusion disease

IN Jagtap, Prakash G.; Baloglu, Erkan; Van Duzer, John H.; Szabo, Csaba; Salzman, Andrew L.

PA Inotek Pharmaceuticals Corporation, USA

SO PCT Int. Appl., 52 pp.

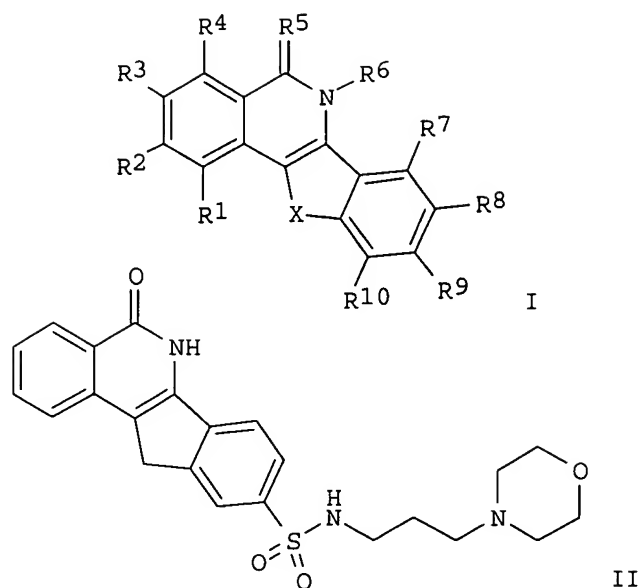
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003020700	A2	20030313	WO 2002-US27585	20020830
	W:				
					AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
	RW:				GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
				US 2001-944524 A	20010831
	US 2003096833	A1	20030522	US 2001-944524	20010831
OS	MARPAT 138:238028				
GI					



AB Novel indeno[1,2-c]isoquinoline derivs. of formula I [X = CO, CH₂, CH(halo), O, NH, S, etc.; R₁-R₄, R₇-R₁₀ = H, halo, OH, alkoxy, aryl, NH₂, etc.; R₅ = O, NH, S; R₆ = H, alkyl] are prepd. for treating or preventing inflammatory disease or reperfusion disease. Thus, II was prepd. and inhibited poly(ADP-ribose) synthase 84% at 300nM.

L7 ANSWER 7 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:194659 CAPLUS

DN **138:222968**

TI Dipyrromethene metal complex mixture for dyes and optical recording media using them

IN Nishimoto, Taizo; Inoue, Shinobu; Misawa, Tsutayoshi

PA Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.

SO Jpn. Kokai Tokkyo Koho, 26 pp.

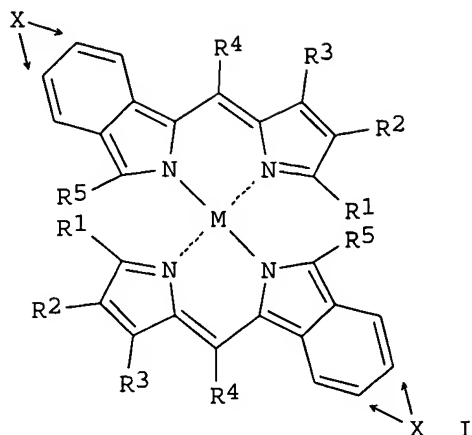
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 2003073574	A2	20030312	JP 2001-263306	20010831
				JP 2001-263306	20010831
OS	MARPAT 138:222968				
GI					



AB The mixt. contains I (R1-5 = H, halogen, nitro, cyano groups, etc.; X = halogen, other groups; M = transition metals) and is useful for laser recording such as DVD with high sensitivity and recording d.

L7 ANSWER 8 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:154238 CAPLUS

DN **138:204941**

TI Preparation of indol-5-ylureas and relate compounds for the treatment of obesity and type II diabetes

IN Schwink, Lothar; Stengelin, Siegfried; Gossel, Matthias

PA Aventis Pharma Deutschland G.m.b.H., Germany

SO PCT Int. Appl., 77 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003015769	A1	20030227	WO 2002-EP8686	20020803
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

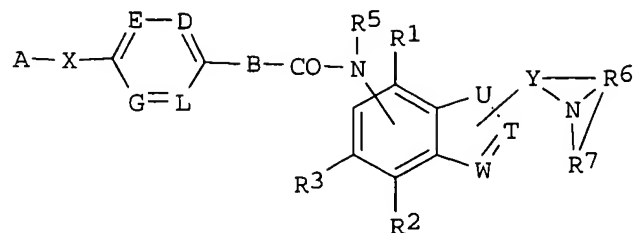
DE 10139416 A1 20030306

DE 2001-10139416A 20010817

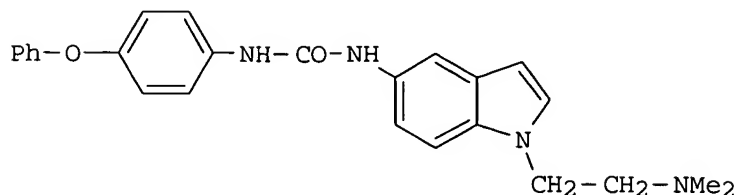
DE 2001-10139416 20010817

OS MARPAT 138:204941

GI



I



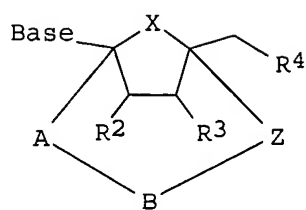
II

AB Title compds. I [A = alkyl, alkylen-aryl (sic), mono or bicyclic ring; X = CR8R9, C(OR10)R11, O, etc.; R8, R9, R10, R11 = H, alkyl; D = N, CR41; E = N, CR42; G = N, CR43; L = N, CR44; R1, R2, R3, R41, R42, R43, R44 = H, halo, OH, etc.; B = O, NR24; R24 = H, alkyl; R5 = H, alkyl; W = N, CR25; R25 = H, alkyl aryl, bond to Y; T = N, CR26; R26 = H, alkyl, aryl, etc.; U = O, S, NR27; R27 = H, alkyl, bond to Y; Y = substituted alkylene, e.g, O, S, SO, etc.; R6, R7 = H, alkyl, cycloalkyl, etc.] and their pharmaceutically acceptable salts were prepd. For example, three component coupling of 1-dimethylaminoethyl-5-aminoindole, carbonyldimidazol and 4-aminodiphenylether provided indolylurea II. In human melanin-concg. hormone receptor assays, 41-specific examples of compds. I exhibited IC50 values ranging from 4.25-0.10 .mu.M, e.g., indolylurea II IC50 = 0.15 .mu.M. Compds. I are said useful as anorexic agents.

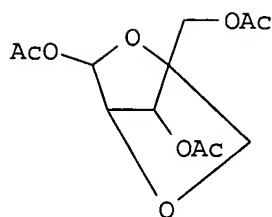
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 9 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:150553 CAPLUS
DN **138:170464**
TI Preparation of conformationally constrained 1,3-bicyclic L-nucleosides
IN Ramasamy, Kanda S.
PA USA
SO U.S., 18 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6525191	B1	20030225	US 2000-569183	20000511
				US 1999-133551PP	19990511
	US 2003144501	A1	20030731	US 2003-367284	20030214
				US 1999-133551PP	19990511
				US 2000-569183 A320000511	
OS	MARPAT 138:170464				
GI					



I



II

AB 1,3-Bicyclic L-nucleosides I, wherein Base is a nucleobase covalently bound to the C1-atom via a nitrogen or carbon atom in the nucleobase; X is O, S, CHOH, CH₂ or NCOCH₃; A is O, S, (CH₂)_n, NR, or nothing, and when both B and Z are independently O, S or NR then A is (CH₂)_n, wherein R is H, OH, CO, OPO₃²⁻, lower alkyl or COCH₃, and n is 1-5; B and Z are independently O, S, (CH₂)_n, or NR, and when both A and B are independently O, S or NR then Z is (CH₂)_n, wherein R is H, OH, CO, OPO₃²⁻, lower alkyl or COCH₃, and n is 1-5; wherein no more than two of A, B, and Z are an atom other than a carbon atom; and R1 and R2 are independently H, OH, OPO₃²⁻, CN, halogen, N₃, CH₂OH, methylidene, lower alkyl or lower alkyl amine, and R4 is H, OH, OPO₃²⁻, are conformationally constrained by at least one addnl. ring formed by a bridge connecting at least two atoms within a sugar moiety of the nucleoside. The conformationally constrained nucleosides may be incorporated into oligonucleotides and dinucleotides, and it is contemplated that compns. including the conformationally constrained nucleosides may have superior viral inhibitory or antineoplastic properties (no data). Thus, bicyclic sugar II was prepd. in synthesis of conformationally constrained bicyclic L-nucleosides.

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 10 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:22891 CAPLUS

DN 138:82466

TI Preparation of new chiral transition metal salen catalysts and methods for the preparation of chiral compounds from racemic epoxides by using the new catalysts

IN Kim, Geon-Joong; Lee, Ho-Seong; Kim, Ho-Cheol; Yun, Jin-Won; Kim, Seong-Jin

PA RS Tech Corp., S. Korea

SO PCT Int. Appl., 63 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003002582	A1	20030109	WO 2002-KR1219	20020626
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

KR 2001-37081 A 20010627

KR 2002-35467 A 20020624

EP 1292602 A1 20030319 EP 2002-743918 20020626

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

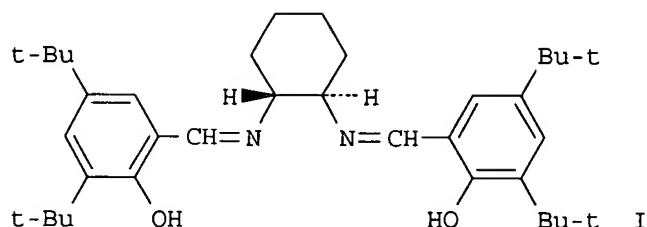
KR 2001-37081 A 20010627

KR 2002-35467 A 20020624

WO 2002-KR1219 W 20020626

OS CASREACT 138:82466; MARPAT 138:82466

GI



AB The prepn. of new chiral salen catalysts and their use in the prepn. of chiral epoxides and 1,2-diols from racemic epoxides is described. The new chiral salen catalysts have a new mol. structure and are formulated as (ML)₂.cntdot.Q where L is a salen type ligand and Q is BX₃ or AlCl₃. The catalysts have a sandwich type structure with the Q adduct in between two transition metal salen units. The catalysts can be recycled without any addnl. regeneration process because the catalyst retains its catalytic activity even after the repeated use. They cause no or little racemization resulting from the reverse reaction of the produced chiral compd. This offers potential for the mass prodn. of chiral compds., useful as intermediates for the manuf. of drugs and food additives, from racemic epoxides by using the catalyst in an economic manner and with high optical purity. Thus, (CoL)₂.cntdot.BF₃ (H₂L = RR-I and SS-I) was prepd. and used to prep. (R)- and (S)-epichlorohydrin from racemic epichlorohydrin.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:958760 CAPLUS

DN 138:40709

TI Amorphous dipyrromethene-metal chelate compounds with good solubility and their manufacture

IN Nishimoto, Taizo; Misawa, Tsutayoshi; Kato, Kenichi; Kumagaya, Yojiro

PA Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.

SO Jpn. Kokai Tokkyo Koho, 24 pp.

CODEN: JKXXAF

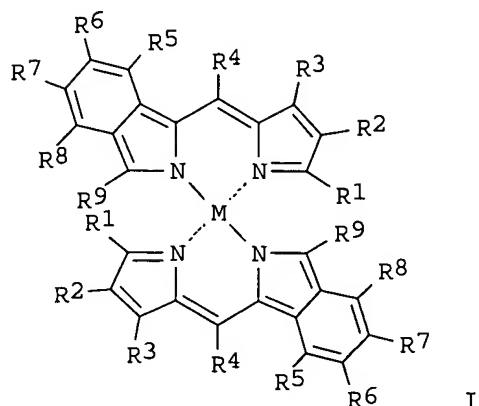
DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 2002363437 A2 20021218 JP 2001-174319 20010608
 OS CASREACT 138:40709; MARPAT 138:40709 JP 2001-174319 20010608
 GI



AB The compds. useful as dyes for LCD devices, optical filters, DVD-R, etc., are obtained by dissolving their cryst. precursors having structure I (R1-8 = H, halogen, NO₂, cyano, OH, amino, COOH, SO₃H, C<20 alkyl, alkoxy, alkylthio, aryloxy, arylthio, alkenyl, acyl, alkoxycarbonyl, carbamoyl, acylamino, aralkyl, aryl, heteroaryl group; R₉ = halogen, C<20 aryl, heteroaryl, alkoxy, alkylthio, arylthio groups; provided R1 and R2 together can form a ring) in an org. solvent and freeze drying. Thus, dropping a 47% HBr 10.1 to a dissoln. of 1-(2,4-diisopropylphenyl)-4-bromoisindole 18.9 and 2,4-diphenyl-5-formylpyrrole 13.1 g in 600 mL EtOH and mixing at room temp. for 2 h gave a product which formed a chelate compd. (II) with Cu when mixing with Cu acetate. Dissolving 20.0 g the II in 500 mL p-xylene at 25.degree. for 1 h and freeze drying gave an amorphous compd. with good soly. in ethylcyclohexane.

L7 ANSWER 12 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:888554 CAPLUS

DN **137:384751**

TI 7,8-Fused 4(H)-chromenes as activators of caspases and inducers of apoptosis

IN Cai, Sui Xiong; Xu, Lifen; Storer, Richard; Attardo, Giorgio

PA Cytovia, Inc., USA

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

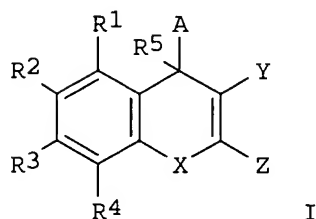
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002092083	A1	20021121	WO 2002-US15398	20020516
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PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2001-290976PP 20010516

OS MARPAT 137:384751

GI



AB Title compds. I [X = O, S, (un)substituted NH; Y = CN, (un)substituted CHO, CO₂H, CONH₂; Z = (un)substituted NH₂; R₁, R₂ = H, halo, haloalkyl, aryl, carbocyclic, heterocyclic, heteroaryl, (un)substituted alkyl, alkenyl, alkynyl, NH₂, NO₂, CN, OH, SH, acyloxy, N₃, alkoxy, CO₂H, OCH₂O, carbamoyl, alkylthio; R₃R₄ = atoms required to complete a thiazole, oxazole, 2-iminoimidazole, 2-oxo-2,1,3-thiadiazole, 2-oxothiazole, 2-oxooxazole, 2-thioxooxazole, 2-thioxoimidazole, 2-thioxothiazole, imidazoline, oxazoline, thiazoline, triazole, oxazine, 2,3-dioxooxazine, or piperazine ring; R₅ = H, alkyl; A = (un)substituted aryl, heteroaryl, carbocyclic, heterocyclic, aralkyl] were prepd. for use as activators of caspases and inducers of apoptosis. Therefore, they can be used to induce cell death in a variety of clin. conditions in which uncontrolled growth and spread of abnormal cells occurs. Thus, 2-amino-3-cyano-4-(3-bromo-4,5-dimethoxyphenyl)-7-hydroxy-8-amino-4H-chromene was treated with carbonyldiimidazole to give I [X = O, Y = CN, Z = NH₂, A = 3,4,5-Br(MeO)₂C₆H₂, R₁, R₂, R₅ = H, R₃R₄ = OC(O)NH] which had EC₅₀ against T-47D and ZR-75-1 cell lines of 566.6 and 365.6 nM resp.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 13 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:850130 CAPLUS

DN **137:358134**

TI Preparation of azo compound conjugates with bombesin for type I phototherapy

IN Rajagopalan, Raghavan; Cantrell, Gary L.; Bugaj, Joseph E.; Achilefu, Samuel I.; Dorshow, Richard B.

PA Mallinckrodt Inc., USA

SO U.S. Pat. Appl. Publ., 12 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 2002164287 A1 20021107 US 2001-849163 20010504
 US 6485704 B1 20021126
 WO 2002089858 A1 20021114 WO 2002-US12217 20020418
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
 TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2003072763 A1 20030417 US 2001-849163 A 20010504
 US 2002-272123 20021015
 US 2001-849163 A220010504

PATENT FAMILY INFORMATION:

FAN 2003:300437

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003072763	A1	20030417	US 2002-272123	20021015
US 2002164287	A1	20021107	US 2001-849163 A220010504	
US 6485704	B1	20021126	US 2001-849163	20010504

OS MARPAT 137:358134

AB Novel azo compds. and their bioconjugates for phototherapy and/or
 photodiagnosis of tumors and other lesions are disclosed. The azo derivs.
 are designed to absorb at the low-energy UV, visible, or the NIR region of
 the electromagnetic spectrum. The phototherapeutic effect is caused by
 direct interaction of free radicals, the reactive intermediate produced
 upon photoexcitation of the azo compd., with the tissue of interest. An
 azocoumarin-bombesin conjugate was prepd. treatment of the peptide
 (obtained by solid-phase synthesis) with the azo compd.

L7 ANSWER 14 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:847542 CAPLUS

DN 137:339159

TI Ink-jet ink sets and printing method

IN Evans, Steven; Grady, Barbara L.; Romano, Charles E., Jr.

PA Eastman Kodak Company, USA

SO Eur. Pat. Appl., 12 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1254933	A2	20021106	EP 2002-76578	20020422
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			US 2001-848081 A	20010503
			US 2001-848082 A	20010503
US 6508549	B1	20030121	US 2001-848081	20010503
US 6513923	B1	20030204	US 2001-848082	20010503
JP 2003034765	A2	20030207	JP 2002-130733	20020502
			US 2001-848081 A	20010503
			US 2001-848082 A	20010503

OS MARPAT 137:339159

AB An ink-jet ink set and printing method providing images with improved color gamut comprise the steps of (A) providing an ink jet printer that is responsive to digital data signals; (B) loading the printer with an ink jet recording element; (C) loading the printer with a color ink jet ink set comprising (i) a magenta ink contg. a carrier and a water-sol., transition metal complex of an 8-heterocyclylazo-5-hydroxyquinoline dye; (ii) a yellow ink contg. a carrier and a water-sol. yellow dye; (iii) a cyan ink contg. a carrier and a water-sol. cyan dye; and (iv) an orange and/or green and/or violet ink contg. a carrier and a water-sol. orange and/or green and/or violet dye; and (D) printing on the image-receiving layer using the ink-jet ink set in response to the digital data signals.

L7 ANSWER 15 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:814122 CAPLUS

DN **137:326554**

TI Pyrazole azo dyes, their production and coupling agents therefor

IN Fujiwara, Toshiki; Hanaki, Naoyuki; Tanaka, Shigeaki; Omatsu, Tadashi; Yabuki, Yoshiharu

PA Fuji Photo Film Co., Ltd., Japan

SO PCT Int. Appl., 137 pp.

CODEN: PIXXD2

DT Patent

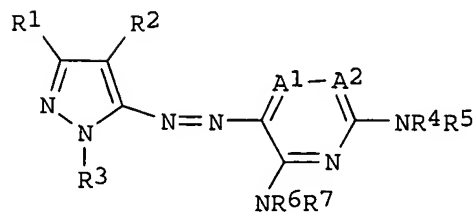
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002083662	A2	20021024	WO 2002-JP3491	20020408
	WO 2002083662	A3	20030306		
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	RW:				
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				JP 2001-110458 A	20010409
				JP 2001-126239 A	20010424
				JP 2002-12108 A	20020121
	JP 2002322151	A2	20021108	JP 2001-126239	20010424
	JP 2002371079	A2	20021226	JP 2002-12108	20020121
				JP 2001-110458 A	20010409

OS MARPAT 137:326554

GI



I

AB Aminopyrazole diazo component-based azo dyes (I; A1, A2 = N, optionally substituted -CH=; R1 = H, org. group; R2 = H, halogen, CN; R3 = H, org. group; R4, R5, R6, R7 = H, org. group, carboxy, sulfo, carbamoyl) are obtained from novel diamino heterocyclic coupling components. I are suitable for image formation and recording and have excellent ozone resistance. In an example, 5-amino-3-tert-butyl-4-cyanopyrazole was diazotized and coupled with 3-cyano-4-methyl-2,6-bis(p-octylanilino)pyridine and the product was condensed with 2-chlorobenzothiazole to give a dye (λ_{max} 545 nm in DMF).

L7 ANSWER 16 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:793609 CAPLUS

DN **137:310927**

TI Preparation of pyrimidinyl-amido-aryl(thio)oxy carboxylic acids as hypolipidemic agents

IN Iqbal, Javed; Gurram, Ranga Madhavan; Das, Saibal Kumar; Bhuniya, Debnath; Chakrabarti, Ranjan; Ramanujam, Rajagopalan

PA Reddy's Laboratories Ltd., India

SO PCT Int. Appl., 147 pp.

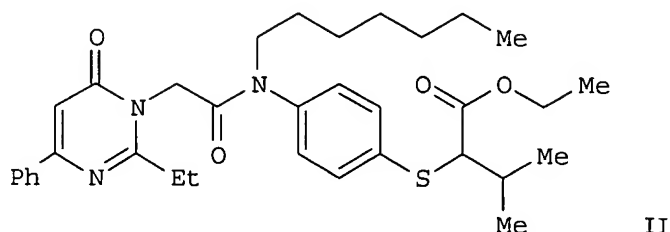
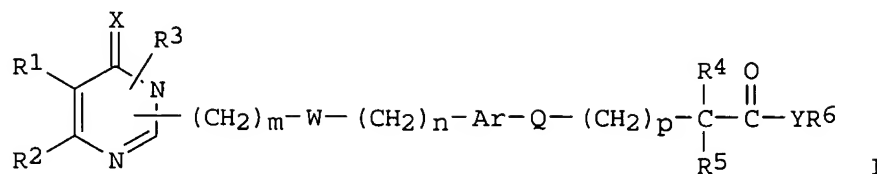
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2002081454	A1	20021017	WO 2002-IB1104	20020408
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	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
	UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,				
	CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				IN 2001-MA301	A 20010409
	US 2003013729	A1	20030116	US 2002-119300	20020408
				IN 2001-MA301	A 20010409
OS	MARPAT 137:310927				
GI					



AB Title compds. I [X = O, S; R1-3= H, halo, OH, NO2, CN, CHO, etc.; R3 when attached to nitrogen atom = H, OH, CHO, etc.; W = O, S, amino, C(O), OCO, etc.; m, n = 0-4; Ar= divalent single or fused arom. or heterocyclic group; R4-5 = H, OH, alkoxy, halo, etc.; R6 = H, alkyl, cycloalkyl, etc.; Y = O, NR8; R8 = H, alkyl, aryl, etc.; R6,R8 together may form a (un)substituted 5-6-membered (hetero)cycle; Q= O, S, SO, SO2, etc.; p = 0-1] were prep'd. For instance, 2-(2-ethyl-6-oxo-4-phenyl-1,6-dihydro-1-pyrimidinyl)acetic acid and Et 3-methyl-2-(4-heptylaminothiophenylthio)butanoate (prepn. of starting materials given) were coupled (CH2Cl2, DIC, HOBT) to afford II. Selected example compds. at 3 mg/kg (mice) orally reduced triglycerides in mice by 36-44%. I are useful for the treatment of, e.g., obesity.

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 17 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:754376 CAPLUS

DN 137:279419

TI Preparation of neuraminic acids and analogs useful for inhibiting paramyxovirus neuraminidase

IN Chand, Pooran; Babu, Yarlagadda S.; Rowland, Scott R.; Lin, Tsu-Hsing

PA Biocryst Pharmaceuticals, Inc., USA

SO PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DT Patent

LA English

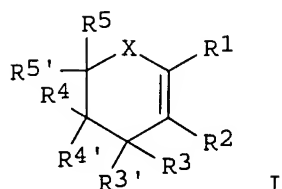
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002076971	A1	20021003	WO 2002-US7052	20020308

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	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	PL,	PT,	RO,	RU,
	SD,	SE,	SG,	SI,	SK,	SL,	TJ,	TM,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VN,
	YU,	ZA,	ZW,	AM,	AZ,	BY,	KG,	KZ,	MD,	RU,	TJ,	TM				
RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AT,	BE,	CH,
	CY,	DE,	DK,	ES,	FI,	FR,	GB,	GR,	IE,	IT,	LU,	MC,	NL,	PT,	SE,	TR,

BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
US 2001-273952PP 20010308

OS MARPAT 137:279419
GI



AB Neuraminic acids and analogs, e.g. I, wherein X is CHR, O, NR, N-OR, NR(O), S, S(O) and SO₂; R is H, alkyl, alkene, alkyne, CN, NO₂, N₃, halo, substituted amine; R₁ is H, (CH₂)_n-CO₂R₆, (CH₂)_n-tetrazol, (CH₂)_nSO₃H, (CH₂)_nSO₂H, (CH₂)_nPO₃H₂, (CH₂)_nCO-NHR₆, (CH₂)_nNO₂, and (CH₂)_nCHO; R₂ is H, halo, CN, (CH₂)_n-CO₂R₆, (CH₂)_n-amine, (CH₂)_n-OR₆; each of R₃ and R₃' are independently H, NHSO₂R₆, N(O)-SO₂R₆, NR₆SO₂R₇, (CH₂)_mYR₆; at least one of R₃ and R₃' should be other than H; Y is O, NH, NHC(O), C(O)NH, S, S(O), S(O)O, NHS(O)O, S(O)ONH, NHC(O)NH and heterocycle; R₃ and R₃' together may be O, CHR₆, NR₆ and N-OR₆; R₄ and R₄' is independently selected from the group consisting of: H, (CH₂)_mYR₆ and (CH₂)_mYR₆; R₄ and R₄' together may be O, CHR₆, NR₆ and N-OR₆; R₅ and R₅' are independently alkyl, ether, alkylamine, amide; R₆ and R₇ are individually H, alkyl, substituted alkyl, aryl, arylalkyl, heterocycle, alkenyl, alkynyl; m and n are individually 0-4, were prepd. useful for inhibiting paramyxovirus neuraminidase (no data). Thus, (2R,3R,4S)-3-(acetylamino)-4-[(thien-2-ylsulfonyl)amino]-2-((1R,2R)-1,2,3-trihydroxypropyl)-3,4-dihydro-2H-pyran-6-carboxylic acid was prepd. as paramyxovirus neuraminidase inhibitor (no data).

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 18 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:736225 CAPLUS

DN 137:262960

TI Preparation of spiro-cyclic .beta.-amino acid derivatives as inhibitors of matrix metalloproteinases and TNF-.alpha. converting enzyme (TACE)

IN Ott, Gregory R.; Chen, Xiaotao; Duan, Jingwu; Voss, Matthew E.

PA Bristol-Myers Squibb Company, USA

SO PCT Int. Appl., 187 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002074738	A2	20020926	WO 2002-US7652	20020312
	WO 2002074738	A3	20030403		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
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 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2001-275898PP 20010315
 US 2003087882 A1 20030508 US 2002-96804 20020312
 US 2001-275898PP 20010315

OS MARPAT 137:262960

AB Novel spiro-cyclic .beta.-amino acid derivs. C-B-NR1CO-Z-Ua-Xa-Ya-Za [C-B represents a spiro-cyclic ring system, where rings B and C are 3-13 membered carbocycles or heterocycles; ring B is bonded to NR1 via ACR2aCR2b-; A = alkanoyl, CO2H or ester, CH2CO2H, CONHOH, SH, CH2SH, etc.; R2a = H, alkyl, OH, alkoxy, an amino group, S(O)p (p = 0-2), etc.; R2b = H, alkyl; R1 = H, alkyl, Ph, PhCH2; Z is absent or is a carbocycle or heterocycle; Ua is absent or is O, NH, alkylimino, CO, CO2, O2C, CONH, S(O)p, etc.; Xa is absent or is alkylene, alkenylene, or alkynylene; Ya is absent or is O, NH, alkylimino, S(O)p, CO; Za = H, carbocycle, or heterocycle] or their pharmaceutically-acceptable salts were prepd. as matrix metalloproteinases (MMP), TNF-.alpha. converting enzyme (TACE), and/or aggrecanase inhibitors. Thus, (7S,8R)-N-hydroxy-8-[[4-[(2-methyl-4-quinolinyl)methoxy]benzoyl]amino]-1,4-dioxaspiro[4.4]nonane-7-carboxamide was prepd. by a multistep synthesis starting from (1S,2R)-1-Me cis-1,2,3,6-tetrahydrophthalate. The latter underwent sequential esterification with benzyl alc., oxidative ring opening with KMnO4, and recyclization with Ac2O/NaOAc to yield intermediate benzyl Me (1S,2R)-4-oxo-1,2-cyclopentanedicarboxylate.

L7 ANSWER 19 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:695980 CAPLUS

DN 137:232544

TI Tricycloalkatrienes as non-nucleoside reverse transcriptase inhibitors

IN Lindstroem, Stefan; Sahlberg, Christer; Wallberg, Hans; Kalyanov, Genaidy; Oden, Lourdes; Naeslund, Lotta

PA Medivir AB, Swed.

SO PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DT Patent

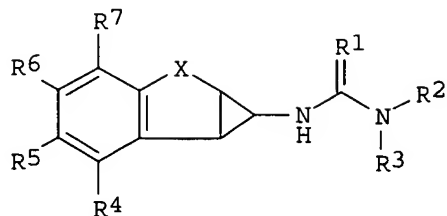
LA English

FAN.CNT 1

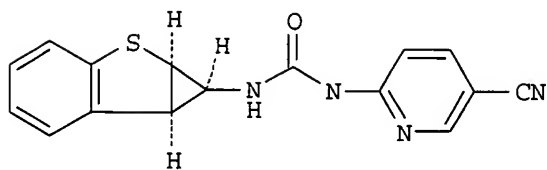
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PI	WO 2002070516	A2	20020912	WO 2002-EP2328	20020304
	WO 2002070516	A3	20030206		
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003069224	A1	20030410	SE 2001-733	A 20010305
				US 2002-92752	20020305
				SE 2001-733	A 20010305

OS MARPAT 137:232544

GI



I



II

AB Title compds. I [R1 = O, S; R2 = (un)substituted nitrogen-contg. heterocycle, wherein the nitrogen is located at the 2 position relative to the (thio)urea bond; R3 = H, alkyl; R4-R7 = H, alkyl, alkenyl, alkynyl, haloalkyl, alkanoyl, haloalkanoyl, alkoxy, haloalkoxy, alkyloxyalkyl, haloalkyloxyalkyl, hydroxyalkyl, aminoalkyl, carboxyalkyl, cyanoalkyl, amino, carboxy, carbamoyl, cyano, halo, hydroxy, keto; X = (CHR8)_nD(CHR8)_m; D = NR9, O, S, S(=O), SO₂; R8 = H, alkyl, haloalkyl; R9 = H, alkyl; n, m = 0, 1, 2] and prodrugs and pharmaceutically acceptable salts thereof, have utility as inhibitors of HIV-1 reverse transcriptase, particularly drug escape mutants. Thus, benzothiophene was treated with N₂CHCO₂Et to give Et cis-1a,6b-dihydro-1H-benzo[b]cyclopropa[d]thiophene-1-carboxylate which was hydrolyzed to the acid and treated with (PhO)₂PN₃ and 2-amino-6-cyanopyridine to give the urea II. II had ED₅₀ in the XTT assay with wild-type HIV-1_{IIIB} of 2 nM.

L7 ANSWER 20 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:693185 CAPLUS

DN 137:202818

TI Ink-jet printing method using metal complex colorant and antikogating agent in ink-jet ink composition

IN Erdtmann, David; Evans, Steven; Lopez, Edgardo; Van Hanehem, Richard C.

PA Eastman Kodak Company, USA

SO Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1239012	A2	20020911	EP 2002-75601	20020214
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2002157566	A1	20021031	US 2001-794604 A	20010227
	US 6524378	B2	20030225	US 2001-794604	20010227

JP 2002348511 A2 20021204 JP 2002-47848 20020225
US 2001-794604 A 20010227

OS MARPAT 137:202818

AB The method comprises (A) providing an ink-jet printer responsive to digital data signals; (B) loading the printer with an ink-jet recording element comprising a support having an image-receiving layer; (C) loading the printer with an ink-jet ink compn. comprising water, a humectant (e.g., diethylene glycol, glycerol and 2-pyrrolidinone), a polyvalent transition metal complex of an 8-heterocyclylazo-5-hydroxy-quinoline and an antikogating agent contg. an alkali metal salt of a monobasic org. or inorg. acid (e.g., sodium hexanoate); and (D) printing on the image-receiving layer using the ink jet ink compn. in response to the digital data signals.

L7 ANSWER 21 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:676021 CAPLUS

DN 137:201318

TI Preparation of tricyclic quinolinone androgen receptor modulator compounds
IN Higuchi, Robert I.; Zhi, Lin; Karanewsky, Donald S.; Thompson, Anthony W.; Caferro, Thomas R.; Mani, Neelakandha S.; Chen, Jyun-Hung; Cummings, Marquis L.; Edwards, James P.; Adams, Mark E.; Deckhut, Charlotte L. F.

PA Ligand Pharmaceuticals Incorporated, USA

SO PCT Int. Appl., 142 pp.

CODEN: PIXXD2

DT Patent

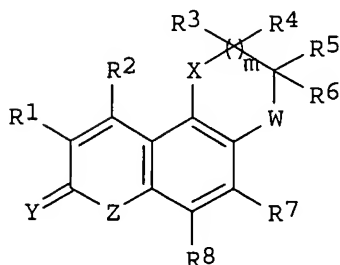
LA English

FAN.CNT 1

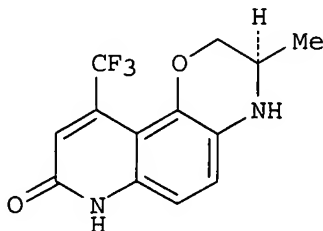
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002068427	A1	20020906	WO 2002-IB538	20020223
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002183314	A1	20021205	US 2001-271115PP	20010223
			US 2002-80503	20020222
			US 2001-271115PP	20010223

OS MARPAT 137:201318

GI



I



II

AB Title compds. I [R1 = H, F, Cl, Br, I, NO₂, etc.; R2 = H, F, Cl, Br, I, CF₃, CF₂Cl, CF₂H, etc.; R3-4 = H, alkoxy, SOO-2, amino, alkyl, haloalkyl, heteroalkyl, cycloalkyl, aryl, arylalkyl, heteroaryl, alkynyl, etc., or R3-4 taken together form a 3-8 membered (un)satd. (hetero)cyclic ring or R3, R5 taken together form a 3-8 membered (un)satd. ring or R3, R6 taken together form a 3-8 membered (un)satd. ring; R5-6 = H, CF₃, CF₂Cl, CF₂H, CFH₂, alkyl, haloalkyl, heteroalkyl, cycloalkyl, aryl, arylalkyl, heteroaryl, alkynyl, alkenyl, etc.; R7 = H, F, Cl, Br, I, alkyl, haloalkyl, heteroalkyl, aryl, heteroaryl, alkoxy, etc.; R8 = H, F, Cl, Br, I, alkyl, haloalkyl, heteroalkyl, aryl, heteroaryl, alkoxy, etc.; m = 0-2; W = O, SOO-2, N(H, alkyl, etc.); X, Z = O, SOO-2, NH, etc.; Y = O, S, N(H, alkyl, etc.), etc.] were prepd. Over 50 synthetic examples were provided. For instance, 5-chloro-1,3-phenylenediamine was reacted with 4,4,4-trifluoroacetoacetate in EtOH at reflux for 18 h to give 5-Amino-7-chloro-3,4-dihydro-4-hydroxy-4-(trifluoromethyl)-1H-quinolin-2-one (37%). This was reduced (EtOH, KOAc, 10% Pd/C-H₂, 2 h) to give 5-Amino-3,4-dihydro-4-hydroxy-4-(trifluoromethyl)-1H-quinolin-2-one (100%). This substrate was then subjected to the following reaction sequence: i. NaNO₂/H₂SO₄; ii. EtOAc, i-PrNH₂, NBS; iii. DMF, BnBr, CsF; iv. MeOH, HOAc; v. THF, NMM, Ph₃P, DIAD, (R)-Boc-alinol; vi. CH₂Cl₂, TFA; vii. PhMe, Pd(O)Ligand, NaOBu-t; viii. HOAc, HCl, 90.degree., 4 h to give II. I are agonists, partial agonists and/or antagonists for androgen receptors (AR).

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 22 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:656053 CAPLUS

DN 137:187172

TI Ink-jet ink composition comprising metal complex of 8-heterocyclylazo-5-hydroxy-quinoline and anti-kogation materials

IN Erdtmann, David; Lopez, Edgardo; Van Hanehem, Richard C.; Evans, Steven

PA Eastman Kodak Company, USA

SO Eur. Pat. Appl., 14 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1234860	A1	20020828	EP 2002-75634	20020215
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			US 2001-794608 A	20010227
	US 2002157567	A1	20021031	US 2001-794608	20010227
	US 6527844	B2	20030304		
	JP 2002294125	A2	20021009	JP 2002-47856	20020225
				US 2001-794608 A	20010227

OS MARPAT 137:187172

AB An ink-jet ink compn. comprises water, a humectant, a polyvalent transition metal complex of an 8-heterocyclylazo-5-hydroxy-quinoline and an anti-kogation material comprising an alkali metal salt of a monobasic org. or inorg. acid. The ink jet ink compn. has both good light stability and bright hue, and is able to provide consistent d. when printed in a thermal ink jet printer.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 23 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:594821 CAPLUS
DN **137:154856**
TI Preparation of N-indanyl sulfonamides as potassium channel inhibitors
IN Beaudoin, Serge; Reed, Aimee D.; Gross, Michael
PA Icagen Incorporated, USA
SO PCT Int. Appl., 72 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002060874	A1	20020808	WO 2001-US48601	20011219
	WO 2002060874	C1	20030220		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				US 2000-256926PP	20001221
				US 2001-4867 A	20011207
	US 2002161011	A1	20021031	US 2001-4867	20011207
				US 2000-256926PP	20001221
OS	MARPAT 137:154856				
GI					

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. [I; A, B, D = C, N, N(O) (wherein at least one of A, B, and D is a substituted C atom and at most only one of A, B, and D is N(O)); E = H, alkyl; G = H, alkyl; or E and G taken together form a bond (site of unsatn.); R1 = H, alkyl, aryl, etc.; R2 = alkyl, aryl, heterocyclyl; R3 = H, alkyl, aryl, etc.; R4 = alkyl, aryl, heteroaryl, etc.; R5, R6 = H, F, alkyl; or R5 and R6 taken together, along with the carbom atom to which they are both attached, form a 3-7 membered carbocyclic or heterocyclic ring; R7 = H, alkyl, OH, etc.; n = 1-3], useful as potassium channel inhibitors and esp. useful for the treatment of cardiac arrhythmias and cell proliferative disorders, were prepd. Thus, amidation of the amine II (prepn. given) with hydrocinnamoyl chloride in the presence of Et3N in THF afforded 21% III which showed 46% inhibition of Kv1.5 at 0.1 .mu.M.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

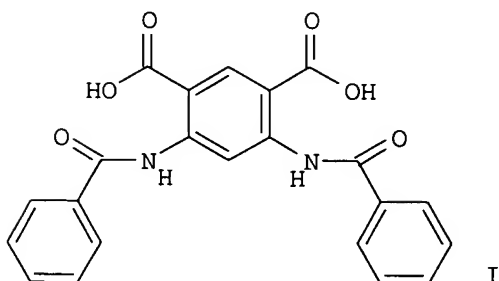
L7 ANSWER 24 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:574921 CAPLUS
DN **137:119703**
TI Use of noncompetitive and selective GluR5 antagonists as glutamate receptor-modulating compounds, and therapeutic use

IN Peters, Dan; Nielsen, Elsebet Ostergaard; Gouliaev, Alex Haahr
PA Neurosearch A/S, Den.
SO PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002058691	A1	20020801	WO 2002-DK46	20020123
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				DK 2001-117	A 20010123

OS MARPAT 137:119703

GI



AB The invention discloses the use of chem. compds. showing noncompetitive and selective GluR5 antagonist or partial agonist activity for treating diseases that are responsive to modulation of an aspartate or a glutamate receptor. Moreover the invention provides chem. compds. for use according to the invention, as well as pharmaceutical compns. comprising the chem. compds., and methods of treating diseases or disorders or conditions responsive to modulation of an aspartate or a glutamate receptor. A preferred example compd. of the invention is I.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 25 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:521710 CAPLUS

DN 137:93690

TI Preparation of nicotinilide-N-oxides as G-protein-coupled receptor antagonist for the treatment of inflammation due to neutrophil chemotaxis

IN Cutshall, Neil S.; Yager, Kraig M.

PA Darwin Discovery Ltd., UK

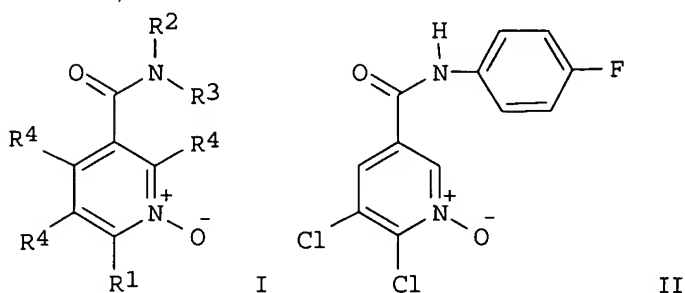
SO PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053544	A1	20020711	WO 2001-US47543	20011212
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	US 2000-258730PP	20001229
	US 2003004189	A1	20030102	US 2001-15861	20011212
				US 2000-258730PP	20001229

OS MARPAT 137:93690
GI



AB Title compds. I, their optical isomers, diastereomers, enantiomers and pharmaceutically acceptable salts [wherein: R1 = R5, R5-heteroalkylene; R5 = H, halo, alkyl, heteroalkyl, etc.; R2, R3 = H, alkyl, heteroalkyl, aryl, etc.; R4 = H, halo, alkyl, heteroalkyl, etc.] were claimed. For example, hydrogen peroxide mediated N-oxidn. of 2-chloro-N-(4-fluorophenyl)-6-methylnicotinamide provided claimed oxynicotinamide II in 10% yield. Nicotinanilide N-oxides I are disclosed to inhibit chemokine-mediated cellular and inflammation events. Specific binding of 95 claimed examples to human interleukin 8 and human growth-regulatory oncogene-.alpha. (GRO-.alpha.) chemokine were reported as < or > 40% at 20 .mu.M ligand concn., e.g., compd. II > 40% for GRO-.alpha., were disclosed. Also, the specific binding of 9 claimed examples to human chemokine CCR5, human interleukin-CXCR1, human interleukin-CXCR2, human neuropeptide Y1 and somatostatin, e.g., compd. II: < 40% for CCR5, somatostatin; > 40% for CXCR1, CXCR2; no data for NYP1, were disclosed. A method for the identification of nicotinanilide-N-oxides. I receptors from cell or cellular components and the isolation of compds. I which bind to TNF-.alpha. signaling proteins via affinity bead chromatog. and surface plasmon resonance (SPR) are claimed (no data).

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 26 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:465767 CAPLUS
 DN **137:51985**
 TI Oxidative hair dyes containing oxidative enzymes
 IN Rozzell, David; Sauter, Guido; Braun, Hans-Juergen
 PA Wella Aktiengesellschaft, Germany
 SO PCT Int. Appl., 36 pp.
 CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002047633	A2	20020620	WO 2001-EP11493	20011005
	WO 2002047633	A3	20030313		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	DE 10062086	A1	20020704	DE 2000-10062086A	20001213
	AU 2002023590	A5	20020624	AU 2002-23590	20011005
				DE 2000-10062086A	20001213
				WO 2001-EP11493W	20011005
	BR 2001008212	A	20030305	BR 2001-8212	20011005
				DE 2000-10062086A	20001213
				WO 2001-EP11493W	20011005
	US 2003041391	A1	20030306	US 2002-181572	20020718
				DE 2000-10062086A	20001213
				WO 2001-EP11493W	20011005
OS	MARPAT 137:51985				
AB	The invention relates to an agent for dyeing keratin fibers. Said agent contains at least one compd. having a nucleophilic reaction center, at least one alc. from the group consisting of aryl alc. derivs. and benzyl alc. derivs., and at least one appropriate oxidn. enzyme. The invention also relates to a method for dyeing keratin fibers using the inventive agent. Thus the following ingredients were mixed to receive a hair dye: vanillyl alc. 1.2 mL (final conc. 10 mmol/L); galactose oxidase 30 mg (200 Units); 1,2,3,3-tetramethyl-3-H-indolium hydrogen sulfate 80 mg (final conc. 100 mmol/L); potassium hydrogen phosphate buffer 6 mL (final conc. 100 mmol/L); water 22.8 mL.				

L7 ANSWER 27 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:400330 CAPLUS

DN **136:401769**

TI Preparation of 4-heterocyclylphenylacetohydrazide derivatives having blood lipid-lowering activity

IN Suga, Akira; Imanishi, Naoki; Kubota, Hideki; Miura, Toshinori; Moritani, Hiroshi; Matsuda, Kouyou

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 21 pp.

CODEN: JKXXAF

DT Patent

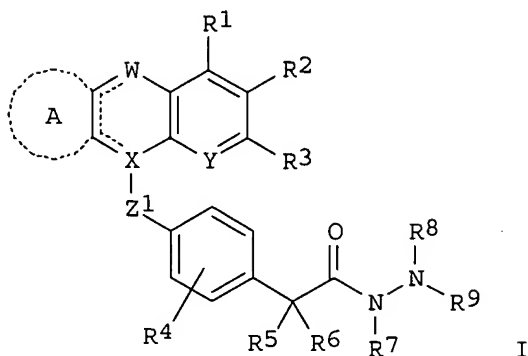
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002155080	A2	20020528	JP 2000-355446	20001122
				JP 2000-355446	20001122

OS MARPAT 136:401769

GI



AB The title compds. [I; R1-R6 = H,halo, (un)substituted hydrocarbonyl or heterocyclyl, CO₂H, lower alkoxy carbonyl, CHO, lower alkyl carbonyl, lower alkylthio; R7, R8, R9 = H, (un)substituted hydrocarbonyl, Z2-Q; or NR₈R₉ = N-contg. heterocyclyl; ring A = (un)substituted benzene, pyridine, or cyclohexene; Q = (un)substituted hydrocarbonyl or heterocyclyl; Z1 = lower alkylene, O, (un)substituted NH, SO₂, (un)substituted CONH; Z2 = bond, O, N, S, CO; X, Y = N, C, CH] or pharmacol. acceptable salts thereof, which possess apoprotein B (apo B)-related lipoprotein secretion-inhibitory activity, prepd. These compds. possess blood cholesterol-lowering and triglyceride-lowering activity and are useful for the treatment of hyperlipidemia, arteriosclerosis, obesity, and pancreatitis. Thus, 2-cyclopentyl-2-[4-[(2,4-dimethyl-9H-pyrido[2,3-b]indol-9-yl)methyl]phenyl]acetic acid was condensed with phenylhydrazine using 1-hydroxybenzotriazole, 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride, and Et₃N in CHCl₃ at room temp. overnight to give N-[2-cyclopentyl-2-[4-[(2,4-dimethyl-9H-pyrido[2,3-b]indol-9-yl)methyl]phenyl]acetyl]-N'-phenylhydrazine (II). (S)-II showed ED₅₀ of 0.15 mg/kg for lowering non-HDL cholesterol in rats.

L7 ANSWER 28 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:345978 CAPLUS
 DN **136:340696**
 TI Preparation of substituted quinazoline derivatives
 IN Gletsos, Constantine
 PA American Home Products Corporation, USA
 SO U.S., 9 pp., Cont. of U.S. Ser. No. 363,521, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6384223	B1	20020507	US 2000-564491	20000504
				US 1998-112023PP	19980730

US 1999-363521 B119990729

OS CASREACT 136:340696; MARPAT 136:340696
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. [I; X = substituted Ph; R, R1 = H, halo, alkyl, etc.; R2 = H, alkyl, alkoxy, etc.; Y = II, III (wherein R3 = H, alkyl, CO2H, etc.; n = 2-4)], useful as antineoplastic agents (no data), were prepd. by acylating aniline IV with an acid halide or mixed anhydride V or VI (wherein Z = OR4, SR4, halo, etc.; R4 = alkyl, cycloalkyl, Ph; L = Cl, Br, OCOR6; R6 = alkyl, cycloalkyl, Ph) followed by reacting the acetylated compd. with H2NX, and treating the resulting intermediate with a mild base or Lewis acid.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 29 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:332191 CAPLUS

DN 136:355236

TI Preparation of imidazopyridine derivatives as antitumor agents

IN Hayakawa, Ichiro; Sugano, Yuichi; Agatsuma, Toshinori; Furukawa, Hidehiko; Kurakata, Shinichi; Naruto, Shunji

PA Sankyo Company, Limited, Japan

SO PCT Int. Appl., 371 pp.

CODEN: PIXXD2

DT Patent

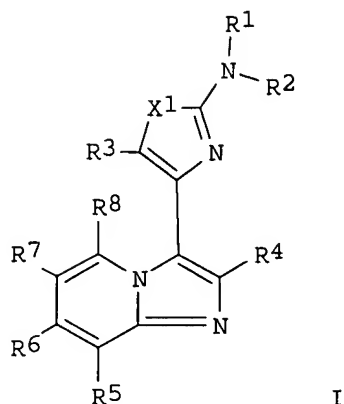
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002034748	A1	20020502	WO 2001-JP9258	20011022
	W: AU, BR, CA, CN, CO, CZ, HU, ID, IL, IN, KR, MX, NO, NZ, PH, PL, RU, SG, SK, US, VN, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
				JP 2000-324043 A	20001024
				JP 2000-392331 A	20001225
AU	2001095992	A5	20020506	AU 2001-95992	20011022
				JP 2000-324043 A	20001024
				JP 2000-392331 A	20001225
				WO 2001-JP9258 W	20011022
JP	2002255964	A2	20020911	JP 2001-325843	20011024
				JP 2000-324043 A	20001024
				JP 2000-392331 A	20001225

OS MARPAT 136:355236

GI



AB The title compds. I [R1 represents substituted Ph, a substituted heterocycle, etc.; R2 represents hydrogen, aliph. acyl, etc.; R3, R4, R5, R6, R7 and R8 represent each hydrogen, alkyl, halogeno, etc.; and X1 represents O, S, etc.] are prepd. (4-Methoxyphenyl)-[4-(2-methylimidazo[1,2- α]pyridin-3-yl)thiazol-2-yl]amine showed ED50 of 1.8 ng/mL against Hela cells. Formulations are given.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 30 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:293656 CAPLUS

DN **136:325565**

TI Preparation of 3,4-dihydropyrimido[1,2-a]pyrimidines and 3,4-dihydropyrazino[1,2-a]pyrimidines as analgesics

IN Gerlach, Matthias; Maul, Corinna; Jagusch, Utz-Peter

PA Gruenenthal Gmbh, Germany

SO PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

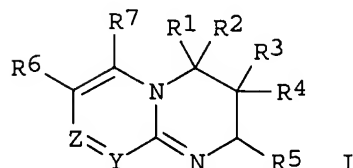
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002030934	A1	20020418	WO 2001-EP11702	20011010
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10050661	A1	20020418	DE 2000-10050661A	20001013
AU 2002014007	A5	20020422	DE 2000-10050661	20001013
			AU 2002-14007	20011010
			DE 2000-10050661A	20001013
			WO 2001-EP11702W	20011010
EP 1325010	A1	20030709	EP 2001-982417	20011010
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

NO 2003001588 A 20030408

DE 2000-10050661A 20001013
 WO 2001-EP11702W 20011010
 NO 2003-1588 20030408
 DE 2000-10050661A 20001013
 WO 2001-EP11702W 20011010

OS MARPAT 136:325565

GI



AB Title compds. [I; Y = CR8; Z = N; or Y = N; Z = CR9; R1, R2 = H, (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (unsatd.) (substituted) heterocyclyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R3, R4 = H, H, (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R5 = (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (unsatd.) (substituted) heterocyclyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R6-R9 = H, F, Cl, Br, iodo, cyano, amino, aminoalkyl, aminodialkyl, etc.] and salts thereof were prepd. Several I showed .mu.-opiate receptor binding with $K_i = 1.4-2.5$.mu.M and inhibited at 10 .mu.M NMDA/MK801 binding position with 40-47%. The invention relates also to a method for the prodn. of the title compds., substance libraries contg. said compds., medicaments which contain said compds., the use of said compds. in the prodn. of medicaments for treating pain, urinary incontinence, pruritus, tinnitus aurium and/or diarrhea and pharmaceutical preps. contg. said compds.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

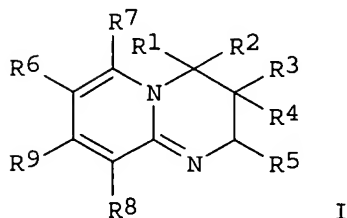
L7 ANSWER 31 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:293655 CAPLUS
 DN **136:309934**
 TI Preparation of 3,4-dihydropyrido[1,2-a]pyrimidines as analgesics
 IN Gerlach, Matthias; Maul, Corinna; Jagusch, Utz-Peter
 PA Gruenenthal Gmbh, Germany
 SO PCT Int. Appl., 139 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002030933	A1	20020418	WO 2001-EP11700	20011010
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

			DE 2000-10050662A 20001013
DE 10050662	A1	20020418	DE 2000-10050662 20001013
AU 2002010526	A5	20020422	AU 2002-10526 20011010
			DE 2000-10050662A 20001013
			WO 2001-EP11700W 20011010
BR 2001014734	A	20030701	BR 2001-14734 20011010
			DE 2000-10050662A 20001013
			WO 2001-EP11700W 20011010
EP 1326866	A1	20030716	EP 2001-978402 20011010
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
			DE 2000-10050662A 20001013
			WO 2001-EP11700W 20011010
NO 2003001412	A	20030422	NO 2003-1412 20030327
			DE 2000-10050662A 20001013
			WO 2001-EP11700W 20011010

OS MARPAT 136:309934
GI



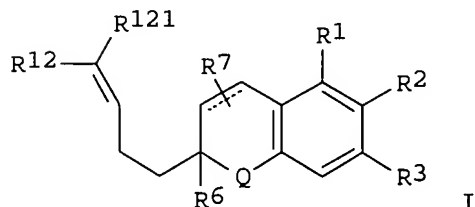
AB Title compds. [I; R1, R2 = H, OR10, SH, SR10, (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (unsatd.), (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R3, R4 = H, H, (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R5 = (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R6-R9 = H, F, Cl, Br, I, cyano, amino, aminoalkyl, aminodialkyl, etc.; R10 = (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.] and salts thereof were prepd. as analgesics (no data). The invention relates also to a method for the prodn. of the title compds., substance libraries contg. said compds., medicaments which contain said compds., the use of said compds. in the prodn. of medicaments for treating pain, urinary incontinence, pruritus, tinnitus aurium and/or diarrhea and pharmaceutical prepsns. contg. said compds.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 32 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:256250 CAPLUS
DN 136:279340
TI Preparation of cannabichromenes as antivirals
IN Travis, Craig R.

PA Immugen Pharmaceuticals, Inc., USA
 SO PCT Int. Appl., 39 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002026728	A2	20020404	WO 2001-US42368	20010928
	WO 2002026728	A3	20020906		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2002013429	A5	20020408	US 2000-236425PP	20000928
				AU 2002-13429	20010928
				US 2000-236425PP	20000928
				WO 2001-US42368W	20010928
	US 2002068738	A1	20020606	US 2001-967341	20010928
	US 6541510	B2	20030401		
				US 2000-236425PP	20000928
OS	MARPAT 136:279340				
GI					



AB Title compds. [I; R1 = H, alkyl, CO₂H, OH, (substituted) alkoxy, alkanoyl, morpholinoalkylcarbonyloxy, etc.; R2 = H, OH, CO₂H, halo, alkoxy, etc.; R3 = (substituted) alkyl, haloalkyl, CO₂H, alkenyl, alkynyl, etc.; R6 = H, OH, halo, alkoxy, alkylthio, alkyl, haloalkyl, cyano, N₃, CO₂H, etc.; R7 = H, OH, halo, alkoxy, alkylthio, alkyl, haloalkyl, cyano, N₃, CO₂H, alkoxy, alkoxy, O, S, etc.; R12, R121 = H, OH, halo, alkoxy, alkylthio, alkyl, haloalkyl, cyano, N₃, CO₂H, alkoxy, alkoxy, etc.; R12R121 = O, S; Q = O, S, NW; W = H, alkoxy, alkoxy, alkyl, haloalkyl, alkoxy, haloalkyl, etc.], were prepd. Thus, 1-(1,1,5-trimethylhexyl)-3,4,5-trimethoxybenzene (prepn. given), geraniol, and TsOH were refluxed 2 h in PhMe to give 20% 3,4-dihydro-2-methyl-2-(4-methyl-3-pentenyl)-7-(1,1,5-trimethylhexyl)-2H-1-benzopyran-5-ol (IG-08). IG-08 inhibited HIV-1 attachment and fusion to HeLa CD4 cells with suppression of .mu.-galactosidase activity.

L7 ANSWER 33 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:220534 CAPLUS
 DN 136:263165
 TI Preparation of 1,2,3,4-tetrahydronaphthalenecarboxamide,

1,2,3,4-tetrahydroquinolinecarboxamide, indanecarboxamides, thiochromancarboxamide, and chromancarboxamide derivatives as C5a receptor antagonists and medicinal use thereof

IN Nakamura, Mitsuharu; Kamahori, Takao; Ishibuchi, Seigo; Naka, Yoichi; Sumichika, Hiroshi; Itoh, Katsuhiko

PA Mitsubishi Pharma Corporation, Japan

SO PCT Int. Appl., 415 pp.

CODEN: PIXXD2

DT Patent

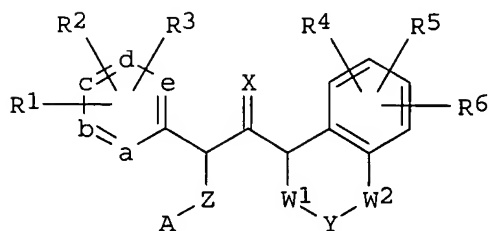
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002022556	A1	20020321	WO 2001-JP7977	20010914
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				JP 2000-280540 A	20000914
				JP 2000-386813 A	20001220
	AU 2001088045	A5	20020326	AU 2001-88045	20010914
				JP 2000-280540 A	20000914
				JP 2000-386813 A	20001220
				WO 2001-JP7977 W	20010914
	EP 1318140	A1	20030611	EP 2001-967682	20010914
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				JP 2000-280540 A	20000914
				JP 2000-386813 A	20001220
				WO 2001-JP7977 W	20010914

OS MARPAT 136:263165

GI



AB Amide derivs. represented by the following general formula [I; R1, R2, R3, R4 = H, (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl, arylalkyl, heteroarylalkyl, or alkoxy, aryloxy, arylalkyloxy, (un)substituted acyloxy, halo, NO2, cyano, acyl SH, alkylthio, alkylsulfinyl, NH2, alkylamino, dialkylamino, cyclic amino, (un)substituted CONH2, alkoxycarbonyl, CO2h, acylamino, (un)substituted SO2NH2, haloalkyl; or any two of R1, R2, and R3 together with adjacent carbon atom form a ring; all a, b, c, d, and e is a carbon atom; or one or

two of a, b, c, d, and e represent one or two nitrogen atom and the other represent C atoms; R4, R5, R6 = haloalkyloxy, groups listed in R1 - R4; A = H, (un)substituted cycloalkyl, aryl, heteroaryl, or cyclic amino; W1, W2 = a bond, (un)substituted C1-3 alkylene; Y = a single bond, O, CO, NR7, S, SO, SO2, CONR8, NR9CO (wherein R7, R8, R9 = H, (un)substituted alkyl); Z = a single bond, (un)substituted alkylene] or optically active isomers thereof or pharmaceutically acceptable salts thereof are prepd. These compds. are useful as preventives and remedies for diseases or syndromes caused by inflammation induced by C5a, e.g. immunol. diseases such as rheumatism and systemic lupus erythematosus, allergic diseases such as sepsis, adult respiratory distress syndrome, chronic obstructive pulmonary disease and asthma, atherosclerosis, heart infarction, brain infarction, psoriasis, Alzheimer's disease and important organistic breakdown (e.g. pneumonia, nephritis, hepatitis, pancreatitis) induced by leukocyte activation caused by ischemic reperfusion, burn or surgical invasion. Moreover, they are useful as preventives and remedies for infection with bacteria and viruses mediated by C5a receptor. Thus, to a soln. of 3.3 g 1,2,3,4-tetrahydronaphthalene-1-carboxylic acid in 20 mL CH2Cl2 was added 2.1 mL SO2Cl2 and the resulting mixt. was refluxed for 3 h, concd. under reduced pressure, dissolved in 10 mL CH2Cl2, treated with a soln. of 5.1 g N-[(4-dimethylaminophenyl)methyl](4-isopropylphenyl)amine in 10 mL CH2Cl2 under ice-cooling, warmed to room temp., and stirred overnight to give N-[(4-dimethylaminophenyl)methyl]-N-(4-isopropylphenyl)-1,2,3,4-tetrahydronaphthalene-1-carboxamide (II). II inhibited the binding of [125I]-human C5a receptor to human histiocytic lymphoma cell line (U-937) with IC50 of 104 nm/mL. A tablet, a capsule, an injection soln., and an eyedrop formulation contg. II were prepd.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 34 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:123001 CAPLUS

DN 136:183832

TI Preparation of triazolopyrid(az)ines as herbicides and pesticides

IN Alig, Bernd; Marhold, Albrecht; Mueller, Peter; Wolfrum, Peter; Drewes, Mark Wilhelm; Dahmen, Peter; Feucht, Dieter; Pontzen, Rolf; Erdelen, Christoph; Loesel, Peter; Andersch, Wolfram

PA Bayer Aktiengesellschaft, Germany

SO PCT Int. Appl., 166 pp.

CODEN: PIXXD2

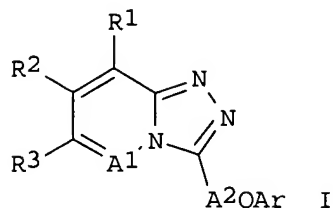
DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002012236	A1	20020214	WO 2001-EP8480	20010723
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				DE 2000-10038019A	20000804
	DE 10038019	A1	20020214	DE 2000-10038019	20000804
OS	MARPAT 136:183832				

GI



AB Title compds. [I; A1 = N, CR4; A2 = bond, O, S, SO, SO2, NH, alkylene, alkyleneoxy, alkyleneimino, alkenylene, alkynylene, phenylene, etc.; Q = bond, O, S, NH; Ar = (substituted) Ph, pyridyl; R1-R4 = H, OH, amino, hydrazino, NO2, cyano, CO2H, carbamoyl, thiocarbamoyl, halo, (substituted) (O-interrupted) alkyl, alkoxy, alkoxy carbonyl, alkylthio, alkylsulfinyl, alkylsulfonyl, alkylamino, alkylaminocarbonyl, dialkylamino, dialkylaminocarbonyl, dialkylaminosulfonyl; with provisos], were prepd. Thus, 2-hydrazino-3-chloro-5-trifluoromethylpyridine and 2-methylthiopyridine-3-carbonyl chloride were heated 60 min at 140.degree. to give 77% N'-(3-chloro-5-trifluoromethyl-2-pyridyl)-2-methylthiopyridin-3-carboxylic acid hydrazide. The latter was refluxed with POCl3 for 18 h to give 49% 8-chloro-3-(2-methylthio-3-pyridyl)-6-trifluoromethyl-1,2,4-triazolo[4,3-a]pyridine. Tested I at 250-1000 ppm preemergent gave 90-100% control of Chenopodium, Galinsorga, matricaria, etc.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 35 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:72108 CAPLUS

DN 136:118577

TI Preparation of 1,3,2-oxazaphosphacycloalkane derivatives as matrix metalloproteinase inhibitors

IN Sorensen, Morten Dahl; Blaehr, Lars Kristian Albert; Christensen, Mette Knak

PA Leo Pharmaceutical Products Ltd. A/S (Lovens Kemiske Fabrik Produktionsaktieselskab), Den.

SO PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002006293	A1	20020124	WO 2001-DK464	20010703
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1303527	A1	20030423	US 2000-219031PP	20000718
			EP 2001-949275	20010703

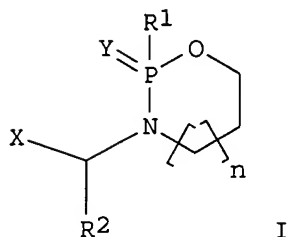
Patel

8/29/2003>

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

			US 2000-219031PP 20000718
			WO 2001-DK464 W 20010703
BR 2001012558	A	20030722	BR 2001-12558 20010703
			US 2000-219031PP 20000718
			WO 2001-DK464 W 20010703
US 2002103166	A1	20020801	US 2001-899017 20010706
US 6521606	B2	20030218	
			US 2000-219031PP 20000718

OS MARPAT 136:118577
GI

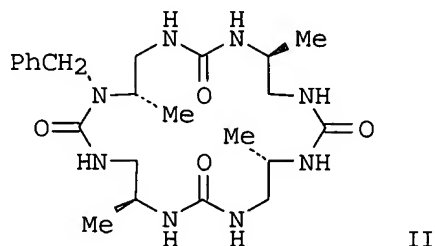
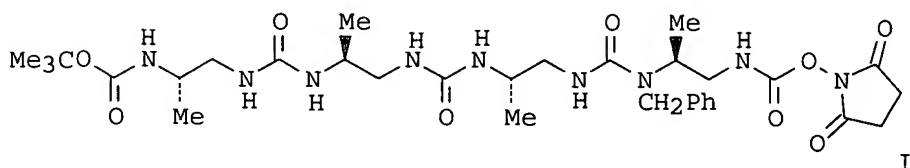


AB The prepn. of 1,3,2-oxazaphosphacycloalkane derivs. [I; wherein Y = O or S; n = 1, 2, 3 or 4; X = hydroxamic acid, carboxylic acid, phosphonic acid, acetylthiomethyl group or a mercaptomethyl group; R2 = H, (C1-8)alkyl, (C2-6)alkenyl, (C3-8)cycloalkyl, aryl(C0-6)alkyl or heteroaryl(C0-6)alkyl; R1 = optionally substituted alkoxyphenyl, phenoxyphenyl, phenylalkyl, naphthylalkyl, biphenyl, etc.] or a salt, hydrate or solvate thereof is described. Thus, 4-chlorophenylphosphoryl dichloride and N-(3-hydroxypropyl)glycine Et ester underwent a cyclization reaction to give Et 2-(4-chlorophenoxy)-2-oxo-1,3,2-oxazaphosphorinane-3-acetate (I; Y = O; X = CO2Et; R1 = 4-chlorophenoxy; R2 = H; n = 1). The compds. are useful in the treatment of arthritis, rheumatoid arthritis, osteoarthritis, osteopenias, osteoporosis, periodontitis, gingivitis, corneal epidermal or gastric ulceration, skin ageing, tumor metastasis, invasion or growth, multiple sclerosis, psoriasis, proliferative retinopathies, neovascular glaucoma, ocular tumors angiofibroma and hemangioma.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 36 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:923779 CAPLUS
DN **136:53771**
TI Preparation of cyclic urea compounds
IN Rodriguez, Marc; Guichard, Gilles; Plaue, Serge; Semetey, Vincent;
Schaffner, Arnaud-Pierre; Briand, Jean-Paul
PA Centre National de la Recherche Scientifique, Fr.; Neosystem;
Galas-Rodriguez, Marie-Christine; Rodriguez, Pierre; Rodriguez, Elisa;
Rodriguez, Romain
SO PCT Int. Appl., 103 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001096318	A1	20011220	WO 2001-FR1837	20010613
	WO 2001096318	C1	20030501		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				FR 2000-7507	A 20000613
	FR 2810039	A1	20011214	FR 2000-7507	20000613
	EP 1289968	A1	20030312	EP 2001-945420	20010613
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				FR 2000-7507	A 20000613
				WO 2001-FR1837	W 20010613
OS	MARPAT 136:53771				
GI					



AB The invention concerns a method for prepg. cyclic urea compds. from an activated carbamic acid deriv. contg. an unprotected primary or secondary amine function, by reaction between the primary or secondary amine function and the carbamic acid function of the carbamic acid deriv. Thus, the protected amine I was de-tert.-butoxycarbonylated and cyclized with EtN(CHMe2)2 to give the cyclic urea II.

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 37 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:833289 CAPLUS

DN 135:371756

TI Preparation of prodrugs of HIV replication inhibiting pyrimidines

IN Kukla, Michael Joseph; Ludovici, Donald William; Kavash, Robert W.; De

Corte, Bart Lieven Daniel; Heeres, Jan; Janssen, Paul Adriaan Jan;
 Koymans, Lucien Maria Henricus; De Jonge, Marc Rene; Van Aken Koen, Jeanne
 Alfons; Krief, Alain

PA Janssen Pharmaceutica N.V., Belg.

SO PCT Int. Appl., 55 pp.

CODEN: PIXXD2

DT Patent

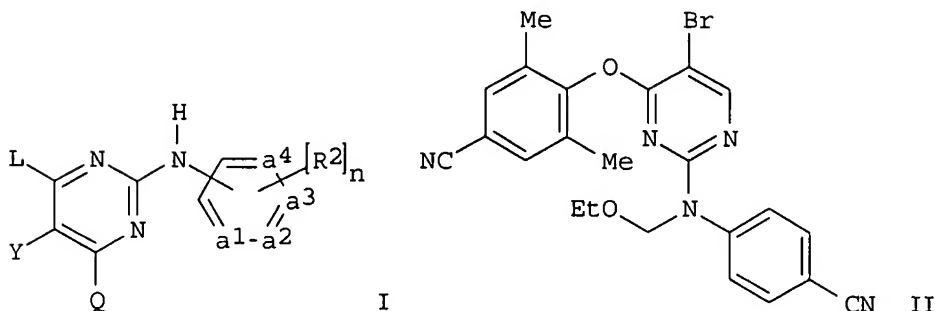
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001085699	A2	20011115	WO 2001-EP4990	20010503
	WO 2001085699	A3	20020228		
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1282607	A2	20030212	EP 2001-933925	20010503
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				US 2000-202471PP	20000508
				US 2000-202471PP	20000508
				WO 2001-EP4990 W	20010503

OS MARPAT 135:371756

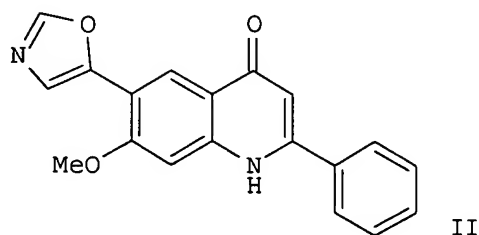
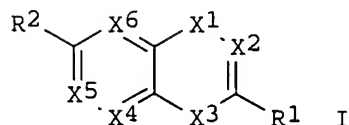
GI



AB The title compds. A1A2NR1 [I; R1 = alkyl, SOR8, SO2R8, etc.; R8 = alkyl, (un)substituted Ph, (un)satd. heterocyclyl; A1A2N- is the covalently bonded form of the corresponding intermediate of the formula A1A2NH, which is a HIV replication inhibiting pyrimidine II (wherein a1:a2a3:a4 = CH:CHCH:CH, N:CHCH:CH, N:CHN:CH, N:CHCH:N, N:NCH:CH; n = 0-5; R2 = OH, halo, alkyl, etc.; L = alkyl, alkenyl, cycloalkyl, etc.; Q = H, alkyl, halo, etc.; Y = H, OH, halo, etc.)], were prepd. Thus, reacting 4-{[5-bromo-4-(4-cyano-2,6-dimethylphenoxy)-2-pyrimidinyl]amino}benzonitrile (prepn. given) with (chloromethoxy)ethane in the presence of NaH in THF afforded 19% III. Anti-HIV activity of compds. I was tested and results were given.

L7 ANSWER 38 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:798220 CAPLUS
 DN **135:344472**
 TI Preparation of 6-(5-oxazolyl)-4(1H)-quinolinones as inhibitors of IMPDH enzyme
 IN Iwanowicz, Edwin J.; Watterson, Scott H.; Dhar, T. G. Murali; Pitts, William J.; Gu, Henry H.
 PA Bristol-Myers Squibb Company, USA
 SO PCT Int. Appl., 263 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081340	A2	20011101	WO 2001-US12900	20010419
	WO 2001081340	A3	20020523		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1276739	A2	20030122	US 2000-199420PP	20000424
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		EP 2001-928708	20010419
				US 2000-199420PP	20000424
				WO 2001-US12900W	20010419
	US 2002040022	A1	20020404	US 2001-840503	20010423
				US 2000-199420PP	20000424
OS	MARPAT 135:344472				
GI					



AB Title compds. I [wherein X1 = CO, SO, or SO₂; X2 = CR₃ or N; X3 = NH, O, or S; X4 = CR₄ or N; X5 = CR₅ or N; X6 = CR₆ or N] were prepd. were prepd. as inosine monophosphate dehydrogenase (IMPDH) enzyme inhibitors. For example, acetalization of 4-nitro-2-methoxytoluene with AcOH (51%), redn. to the aldehyde (91%), and cycloaddn. with (p-tolylsulfonyl)methyl isocyanate gave 5-(4-nitro-2-methoxyphenyl)oxazole (84%), which was reduced to the amine (95%). Alkylation with Et benzoylacetate and cyclization afforded the 6-(5-oxazolyl)-4(1H)-quinolinone II. Thus, I are useful as therapeutic agents for IMPDH-assocd. disorders, such as

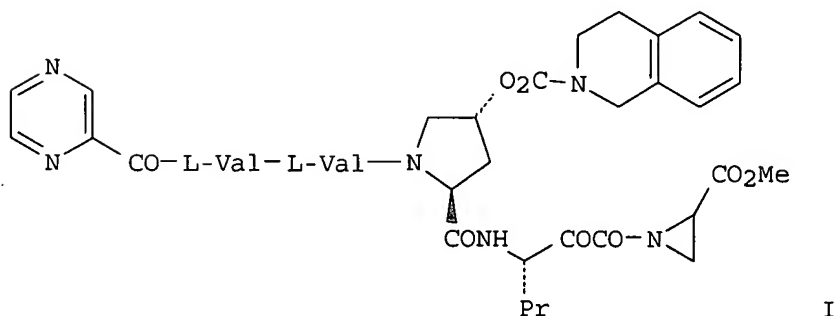
allograft rejection (no data).

L7 ANSWER 39 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:747745 CAPLUS
 DN **135:289060**
 TI Preparation of peptides as inhibitors of serine proteases, particularly hepatitis C virus NS3 protease
 IN Perni, Robert; Court, John; O'malley, Ethan; Bhisetti, Govinda Rao
 PA Vertex Pharmaceuticals Incorporated, USA
 SO PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001074768	A2	20011011	WO 2001-US10367	20010329
	WO 2001074768	A3	20020606		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				US 2000-194563PP	20000403
				US 2000-198330PP	20000418
	EP 1268519	A2	20030102	EP 2001-924516	20010329
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				US 2000-194563PP	20000403
				US 2000-198330PP	20000418
				WO 2001-US10367W	20010329

OS MARPAT 135:289060

GI



AB Peptides Q-CO-A1-NHCHR1COCOR3 [R1 is C1-6 alkyl or C2-6 alkenyl or alkynyl, optionally substituted by 1-4 halogen atoms and SH or OH at the terminal position; R3 is (un)substituted 1-aziridinyl or 1-azetidiny; A1

is a proline residue which may be substituted, e.g., by Z-X- at the 4-position, where X is O, imino, CO, CO₂, etc. and Z is H, alkyl, a cyclic ring system, etc.; Q is OH, alkoxy, an amino group, etc.] were prepd. as serine protease inhibitors, particularly as hepatitis C NS3 protease inhibitors. Thus, peptide I was prepd. by solid-phase coupling using a THP resin and showed $K_i < 1 \text{ } \mu\text{M}$ for inhibition of hepatitis C NS3 protease.

L7 ANSWER 40 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:730737 CAPLUS

DN 135:272960

TI Preparation of N-heterocyclic derivatives as NOS inhibitors

IN Davey, David D.; Pham, Eric; Phillips, Gary B.; Xu, Wei

PA Schering Aktiengesellschaft, Germany

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

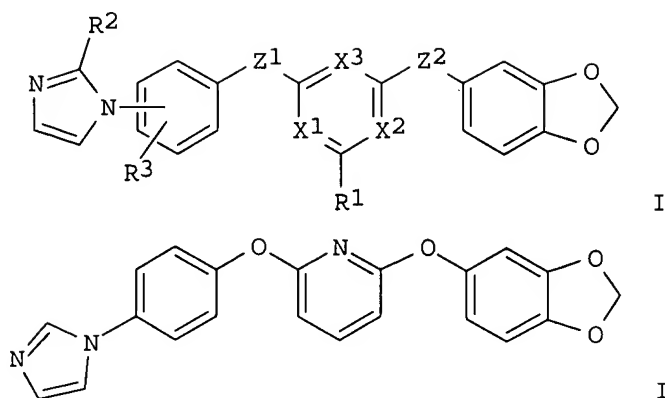
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001072744	A1	20011004	WO 2001-US9481	20010326
W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
			US 2000-192168PP	20000327
			US 2001-814787 A	20010322
US 2002010190	A1	20020124	US 2001-814787	20010322
US 6525051	B2	20030225		
			US 2000-192168PP	20000327
EP 1268471	A1	20030102	EP 2001-918958	20010326
R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR	
			US 2000-192168PP	20000327
			US 2001-814787 A	20010322
			WO 2001-US9481 W	20010326
NO 2002004614	A	20021126	NO 2002-4614	20020926
			US 2000-192168PP	20000327
			US 2001-814787 A	20010322
			WO 2001-US9481 W	20010326

OS MARPAT 135:272960

GI



AB N-Heterocyclic derivs. of formula I [X1-X3 = (substituted) CH, N; Z1 = (CH₂)_mO, (CH₂)_mS, (CH₂)_mNH; m = 0-2; Z2 = O(CH₂)_m, S(CH₂)_m, NH(CH₂)_m; R1 = H, alkyl, halo, morpholino, (substituted) amino, etc.; R2 = H, alkyl; R3 = H, halo, alkyl, nitro, etc.] are prepd. and are useful as inhibitors of nitric oxide synthase. Pharmaceutical compns. contg. these compds., methods of using these compds. as inhibitors of nitric oxide synthase and processes for synthesizing these compds. are also described herein. Thus, II was prepd. from 2-(1,3-benzodioxol-5-yloxy)-6-fluoropyridine (prepn. given) and 1-(4-hydroxyphenyl)imidazole. The title compds. were shown to treat arthritis in rats.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 41 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:712792 CAPLUS

DN **135:258549**

TI Black trisazo metal complex dyes, their production and their use

IN Geisenberger, Josef; Wuzik, Andreas

PA Clariant GmbH, Germany

SO Ger. Offen., 12 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10015004	A1	20010927	DE 2000-10015004	20000325
	WO 2001072906	A2	20011004	WO 2001-EP2487	20010306
	WO 2001072906	A3	20020314		
	W: BR, CA, JP, KR				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
				DE 2000-10015004A	20000325
EP	1268674	A2	20030102	EP 2001-925375	20010306
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
				DE 2000-10015004A	20000325
				WO 2001-EP2487 W	20010306
BR	2001009552	A	20030610	BR 2001-9552	20010306
				DE 2000-10015004A	20000325
				WO 2001-EP2487 W	20010306

US 2001027734

A1

20011011

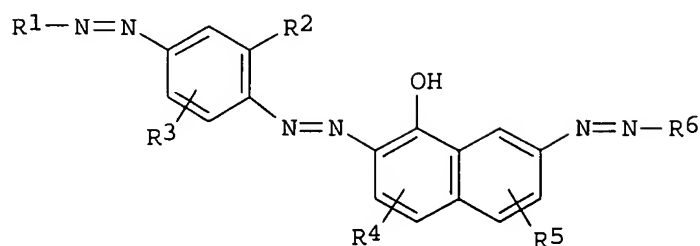
US 2001-816180

20010323

DE 2000-10015004A 20000325

OS MARPAT 135:258549

GI



I

AB The black dyes (I; R1 = org. group; R2 = OH, C1-6-alkoxy, CO2M, SO3M, where M = H, metal cation; R3, R4, R5 = H or a substituent; R6 = optionally substituted arom. group) are obtained as black dyes esp. suitable for water-thinned jet-printing inks. Thus, 1-hydroxy-7-amino-3-naphthalenesulfonic acid.fwdarw.3-carboxy-5-hydroxy-1-(4-sulfophenyl)-4-pyrazole was prepd. and was coupled with diazotized 2-[(4-amino-3-methoxyphenyl)azo]naphthalene-6,8-disulfonic acid to give a trisazo compd. which was complexed with copper to give a black dye (.lambda.max 412, 582 nm). The dye was used in a water-thinned jet-printing ink with good optical and application properties.

L7 ANSWER 42 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:661399 CAPLUS

DN **135:226826**

TI Synthesis of epothilones, intermediates and analogs for use in treatment of cancers with multidrug resistant phenotype

IN Danishefsky, Samuel J.; Lee, Chul Bom; Chappell, Mark; Stachel, Shawn; Chou, Ting-chao

PA Sloan-Kettering Institute for Cancer Research, USA

SO PCT Int. Appl., 234 pp.

CODEN: PIXXD2

DT Patent

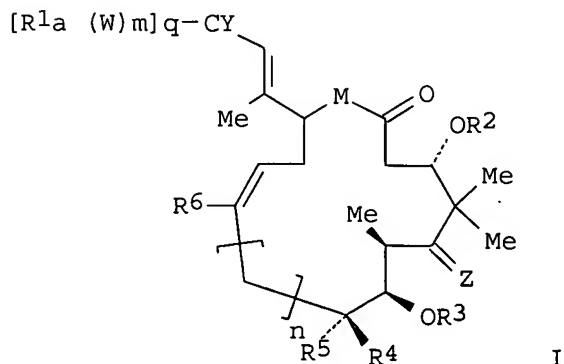
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064650	A2	20010907	WO 2001-US6643	20010301
	WO 2001064650	A3	20020510		
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				US 2000-185968PP	20000301
				US 2000-250447PP	20001130
	US 2002058817	A1	20020516	US 2001-796959	20010301

EP 1259490 A2 20021127 US 2000-185968PP 20000301
 EP 2001-916335 20010301
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 US 2000-185968PP 20000301
 US 2000-250447PP 20001130
 WO 2001-US6643 W 20010301

OS CASREACT 135:226826; MARPAT 135:226826
 GI



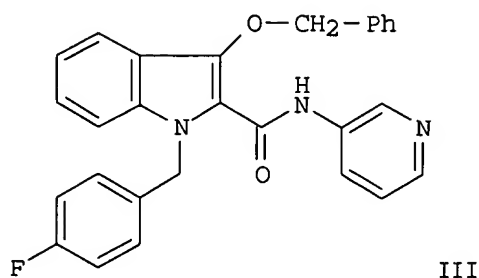
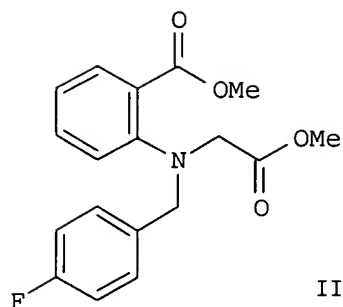
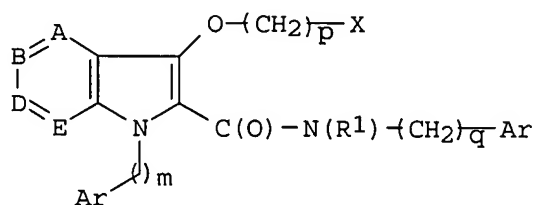
AB The present invention provides convergent processes for prepg. epothilones, desoxyepothilones, and analogs, e.g., I [M = NH, O; CY = aryl, heteroaryl; q = 1-5; W = absent, NH, CO, CS, O, S, C(V)₂; V = H, halogen, OH, SH, amino, (un)substituted alkyl, heteroalkyl, aryl, heteroaryl; m = 1-5; bond W.cntdot..cntdot..cntdot.R1 = single bond, double bond; R1 = OR, SR, NR₂; CO₂R, COR, CONHR, N₃, N₂, N₂R; halogen, un(substituted) cyclic or acyclic aliph., heteroaliph., aryl or heteroaryl, polymer, carbohydrate; R = H, un(substituted) cyclic or acyclic aliph., heteroaliph., aryl or heteroaryl, protecting group; R₂, R₃ = H, un(substituted) aliph., heteroaliph., aryl, heteroaryl, acyl, aroyl, benzoyl; R₄, R₅ = H, un(substituted) cyclic or acyclic aliph., heteroaliph., aryl or heteroaryl, optionally substituted by one or more of OH, alkoxy, carboxy, carboxaldehyde, N-alkoxyimino, N-alkoxyimino; R₆ = H, OR, SR, NR₂; CO₂R, COR, CONHR, N₃, N₂, N₂R, cyclic acetal, halogen, un(substituted) cyclic or acyclic aliph., aryl, heteroaryl; Z = O, N(ORE), NNRFRG; RE, RF, RG = un(substituted) cyclic or acyclic aliph.; n = 0-3], for the treatment of cancer. Biol. activities of novel compds. based on I and methods for the treatment of cancer and cancer which has developed a multi-drug phenotype are presented. Thus, 21-oxo-12,13-desoxyepothilone B and 15-azaepothilone B were active vs leukemia CCRF-CEM cells (IC₅₀ = 0.027 .mu.M; IC₅₀ = 0.021 .mu.M, resp.).

L7 ANSWER 43 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:661388 CAPLUS
 DN 135:226878
 TI Synthesis of N-benzyl-indolyl(benzyloxy)amido derivatives as PDE-IV inhibitors
 IN Labelle, Marc; Sturino, Claudio; Lachance, Nicolas; MacDonald, Dwight
 PA Merck Frosst Canada + Co., Can.
 SO PCT Int. Appl., 75 pp.
 CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064639	A2	20010907	WO 2001-CA270	20010302
	WO 2001064639	A3	20020228		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2002068756	A1	20020606	US 2000-186571PP	20000302
	US 6436965	B2	20020820	US 2001-797083	20010301
	EP 1263728	A2	20021211	US 2000-186571PP	20000302
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		EP 2001-913422	20010302
	JP 2003525273	T2	20030826	US 2000-186571PP	20000302
				WO 2001-CA270 W	20010302
				JP 2001-563482	20010302
				US 2000-186571PP	20000302
				WO 2001-CA270 W	20010302

OS MARPAT 135:226878
GI



AB Title compds. I [A, B, D, E = N or CR₂ and the others = CR₂; q = 0 - 1; p,

m = 0 - 2; R1 = H, (hydroxy)alkyl; R2 = H, halo, (halo)alkyl, hydroxyalkyl, CN, arom. or nonarom. ring system contg. 1 - 4 heteroatoms selected from O, S, N, alkoxy, oxyamide, etc.; X = cycloalkyl or Ar; Ar = (un)substituted (Ph, thienyl, thiazolyl, pyridyl, oxazolyl, tetrazolyl, pyrimidinyl, pyrazinyl and pyridazinyl)]were prepd. Over 150 compds. were disclosed. For instance, Me 2-aminobenzoate was alkylated with 4-fluorobenzyl bromide (K₂CO₃, MEK, reflux, 8 h.). The resulting ester was sapond. (NaOH, MeOHaq reflux, 2 h.), N-alkylated with Me bromoacetate (K₂CO₃, MeOHaq, reflux, 18 h.) and treated with CH₂N₂ to afford II. Diester II was cyclized (NaOMe, MeOH, reflux, 30 min.), O-alkylated with benzyl bromide (K₂CO₃, MEK, reflux, 2 h.), sapond. (NaOH, EtOHaq, 90.degree.C, 40 min.) and finally coupled to 3-aminopyridine (SOCl₂, i-Pr₂NEt, room temp., 3 h.) to yield III. I are PDE-IV inhibitors (no data) useful for treating, e.g., inflammation, muscle spasm, chronic bronchitis, etc.

L7 ANSWER 44 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:654785 CAPLUS

DN 135:218779

TI Dipyrromethene-metal chelate compound and optical recording medium using thereof

IN Nishimoto, Taizo; Tsukahara, Hisashi; Inoue, Shinobu; Ogiso, Akira; Misawa, Tsutami; Koike, Tadashi

PA Mitsui Chemicals, Inc., Japan; Yamamoto Chemicals, Inc.

SO Eur. Pat. Appl., 49 pp.

CODEN: EPXXDW

DT Patent

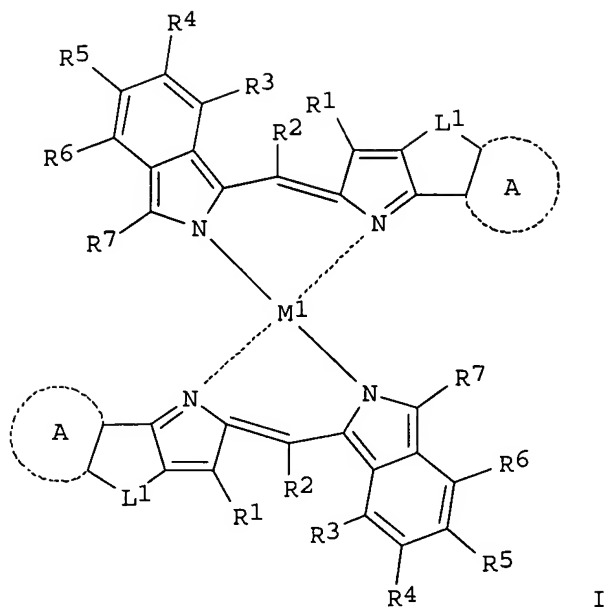
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1130584	A2	20010905	EP 2001-104471	20010228
	EP 1130584	A3	20020508		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				JP 2000-51242	A 20000228
				JP 2000-351399	A 20001117
	US 2002048645	A1	20020425	US 2001-793083	20010227
				JP 2000-51242	A 20000228
				JP 2000-351399	A 20001117
	JP 2002212456	A2	20020731	JP 2001-52523	20010227
				JP 2000-51242	A 20000228
				JP 2000-351399	A 20001117
	CN 1317789	A	20011017	CN 2001-116852	20010228
				JP 2000-51242	A 20000228
				JP 2000-351399	A 20001117

OS MARPAT 135:218779

GI



AB An optical recording medium comprises at least a recording layer and a reflecting layer on a substrate wherein the recording layer contains at least one dipyrromethene-metal chelate compd. represented by I (R1-6 = H, halogen, nitro, cyano, hydroxyl, amino, carboxyl, sulfo, up to C20 alkyl, alkoxy, alkylthio, aryloxy, arylthio, alkenyl, acyl, alkoxycarbonyl, carbamoyl, acylamino, aralkyl, aryl or heteroaryl; R7= halogen, aryl, heteroaryl, alkoxy, alkylthio, aryloxy or arylthio; A = up to C20 arom. or heterocyclic ring; L1 = bivalent residue forming a ring together with carbon atoms to which it attaches and optionally contg. a hetero atom; and M1 = transition metal element).

L7 ANSWER 45 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:581901 CAPLUS

DN 135:152963

TI Scalable process for making geminal bisphosphonates from aminocarboxylic acids, phosphorous acid and phosphorus trihalide or oxytrihalide in presence of base

IN Cazer, Fredrick Dana; Perry, Gregory Eugene; Billings, Dennis Michael; Cramer, William Douglas

PA Procter & Gamble Company, USA

SO PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001057052	A1	20010809	WO 2001-US3309	20010201
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU,				

TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2000-179506PP 20000201
US 2001-771899 20010129
US 2001041690 A1 20011115
US 6562974 B2 20030513

US 2000-179506PP 20000201
EP 2001-908779 20010201
EP 1252169 A1 20021030

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2000-179506PP 20000201
WO 2001-US3309 W 20010201
BR 2001-7952 20010201
US 2000-179506PP 20000201
WO 2001-US3309 W 20010201
JP 2001-557883 20010201
US 2000-179506PP 20000201
WO 2001-US3309 W 20010201
NO 2002-3646 20020731
US 2000-179506PP 20000201
WO 2001-US3309 W 20010201
BR 2001007952 A 20030225
JP 2003522181 T2 20030722
NO 2002003646 A 20020930

OS CASREACT 135:152963; MARPAT 135:152963

AB The present invention relates to a novel process for making geminal bisphosphonates. The process provides for bisphosphorylation by dissolving an aminocarboxylic acid in phosphorous acid as a reactant/solvent and reacting the soln. with P trihalide or oxytrihalide in the presence of a base as an acid acceptor/solvent. The present invention is directed to a process for making geminal bisphosphonates (R3-Z-(CR22)n-Q-(CR22)m-CR1(PO3R1)2), wherein Q is O, -NR4-, S, Se, or a single bond; m+n = 0.apprx.5, Z is a ring selected from pyridine, pyridazine, pyrimidine, and pyrazine; R1 is H, substituted or unsubstituted amino, amido, hydroxy, alkoxy, halogen, carboxylate, substituted or unsubstituted alkyl (satd. or unsatd.) having 1.apprx.6 C atoms, substituted or unsubstituted aryl, or substituted or unsubstituted benzyl; each R2 is independently, H, or substituted or unsubstituted alkyl (satd. or unsatd.) having 1.apprx.4 C atoms; R3 is one or more substituents selected from H, substituted or unsubstituted alkyl (satd. or unsatd.) having 1.apprx.6 C atoms, substituted and unsubstituted aryl, substituted and unsubstituted benzyl, hydroxy, halogen, carbonyl, alkoxy, nitro, amido, amino, substituted amino, carboxylate, and combinations thereof; R4 is H, substituted alkyl (satd. or unsatd.) having 1.apprx.4 C atoms, or acyl. For example, 1-hydroxy-2-(3-pyridinyl)ethylidene-1,1-bis(phosphonic acid) (NE-58019) was prepd. on the 65 mol scale in a 30 gal reactor. The mixt. of 5 equiv phosphorous acid and 3-pyridineacetic acid monohydrochloride, with morpholine monohydrochloride, was melted together until complete soln. was obtained at .apprx.70-75.degree.. The reaction mixt. was cooled to 68.degree. and 2 equiv of PCl3 was metered in over 2.5-4 h while maintaining the temp. at 68.degree.. The reaction was allowed to continue 15-30 min after the addn. was complete. Then the reaction mixt. was hydrolyzed in aq. HCl at 80.degree. for 0.5 h to yield, after crystn. from aq. acid/IPA, 14.2 Kg of NE-58019 in a 77.6% isolated yield.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 46 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:545696 CAPLUS

DN 135:122505

TI Preparation of imidazopyridines and related azacyclic compounds as selective modulators of bradykinin B2 receptors

IN Peterson, John M.; Hutchison, Alan; Shaw, Kenneth; Hodgetts, Kevin J.; Maynard, George D.; Lew, Richard

PA Neurogen Corporation, USA

SO PCT Int. Appl., 94 pp.

CODEN: PIXXD2

DT Patent

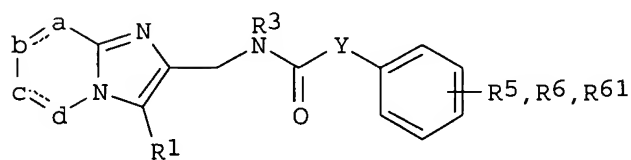
LA English

FAN.CNT 1

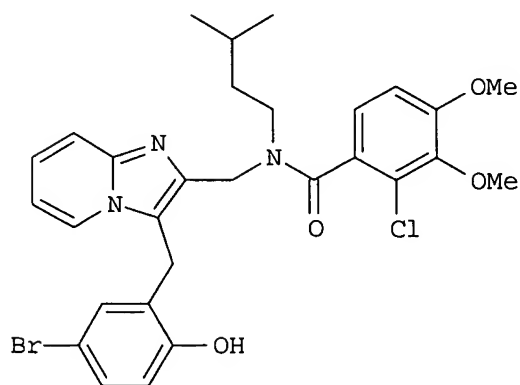
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001053298	A1	20010726	WO 2001-US1601	20010117
	WO 2001053298	C2	20021017		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6420365	B1	20020716	US 2000-176701PP	20000118
				US 2001-765159	20010117
				US 2000-176701PP	20000118

OS MARPAT 135:122505

GI



I



II

AB Title compds. [I; .ltoreq.2 of a, b, c, d = N, the others = C; R1 = (substituted) aralkyl, heteroarylalkyl; ring contg. a, b, c, d may be substituted; R3 = alkyl; R4 = halo, CF3; R5, R6, R61 = H, CF3, OCF3, NO2, cyano, alkyl, halo, aminomethyl, (substituted) alkoxy, etc.; R4R5 = atoms

to form 5-7 membered (substituted) carbocyclic or heterocyclic ring; Y = bond, (substituted) CH₂], were prep'd. as BK-2 receptor ligands (no data). I are useful in the diagnosis and treatment of renal disease, heart failure, hypertension, Meniere's disease, vaginal inflammation and pain, peripheral circulatory disorders, climacteric disturbance, retinchoroidal circulatory disorders, myocardial ischemia, myocardial infarction, postmyocardial infarction syndrome, angina pectoris, restenosis after percutaneous transluminal coronary angioplasty, hepatitis, liver cirrhosis, pancreatitis, ileus, diabetes, diabetic complications, male infertility, glaucoma, pain, asthma, and rhinitis and for the increase of permeability of the blood-brain barrier or the blood-brain-tumor barrier. Thus, isoamylamine and 4-bromo-2-[2-(chloromethyl)(3a-hydroimidazo[1,2-a]pyridin-3-yl)methyl]-1-methoxybenzene (prepn. given) were stirred 4 h in MeCN to give 95% title comp'd. (II).

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 47 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:453001 CAPLUS

DN 135:46002

TI Synthesis and use of amidino/guanidino-arylamino salicylamides as serine protease inhibitors for treatment of cancer related disorders

IN Allen, Darin Arthur; McGee, Danny Peter Claude; Spencer, Jeffrey R.

PA Axys Pharmaceuticals, Inc., USA

SO PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DT Patent

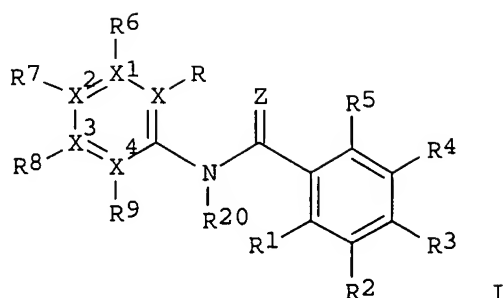
LA English

FAN.CNT 1

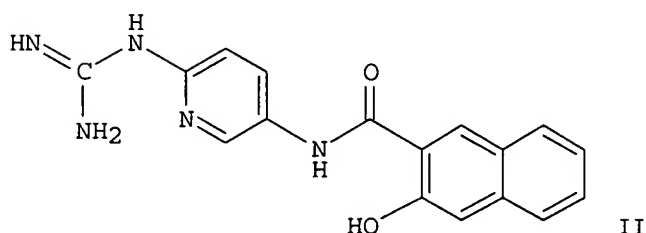
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001044172	A1	20010621	WO 2000-US34211	20001214
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002052343	A1	20020502	US 1999-170916PP	19991215
			US 2000-737687	20001214
			US 1999-170916PP	19991215
EP 1242366	A1	20020925	EP 2000-984472	20001214
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
			US 1999-170916PP	19991215
			WO 2000-US34211W	20001214

OS MARPAT 135:46002

GI



I



II

AB Compds. I and a process for their synthesis are claimed [wherein; R1 = OH, CO₂H, ester, CH₂O-, (O)SO₃H, sulfonate ester or OP(O)(OH)₂ or esters thereof; R2-5 = H, SH, O-, halo, ester, amide, (substituted)aryl, heterocyclyl, etc.; R, R6, R9 = H, halo, CN, (halo)alkyl, NO₂, O-aryl/alkyl or R, R6 taken together form (un)satd. (un)substituted C₄; R7, R8 = OH, CF₃, H, CO₂H, NO₂, (O)alkyl/aryl, halo, cyano, (substituted)guanidino/amidino, imidazolin-2-yl, N-amidino(morpholine/piperidine), etc.; X includes C; X1-4 = C or N; R20 = H or OH; Z = O, S, CH₂, N-, H(CO₂H), H(CH₂OH), etc.; with the proviso that at least 2 of X1-4 = C and when any of X1-4 = N the corresponding substituent does not exist]. Data for over 40 synthetic examples is provided. The process claimed involves a selective acylation of an amino group and is exemplified by the synthesis of II. 3-Acetoxy-2-chlorocarbonylnaphthalene was prepd. from the corresponding carboxylic acid and coupled, in the presence of N,N-dimethylacetamide (or other selected acetamides), to N-(5-aminopyridin-2-yl)guanidine hydrochloride to give the acetoxy deriv. of II. The acetoxy deriv. was treated with 1M HCl for 2 h to provide II, isolated as the HCl salt. Compds. of the invention are inhibitors of serine proteases, urokinase (uPA), factor Xa (FXa) and/or factor VIIa (FVIIa). Guanidine II had K_i = 0.326 .mu.M for urokinase and K_i = 130 .mu.M for FXa. Compds. I are anticancer agents and/or anticoagulants and also used for the treatment or prevention of thromboembolic disorders in mammals.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 48 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:396848 CAPLUS

DN 135:19441

TI Preparation and use of .beta.-amino acid-, aspartic acid- and diaminopropionic-based benzamides as inhibitors of factor Xa

IN Zhu, Bing-yan; Wang, Lingyan; Huang, Wenrong; Wu, Yanhong; Fan, Jingmei; Su, Ting; Scarborough, Robert

PA Cor Therapeutics, Inc., USA

SO PCT Int. Appl., 127 pp.

CODEN: PIXXD2

DT Patent

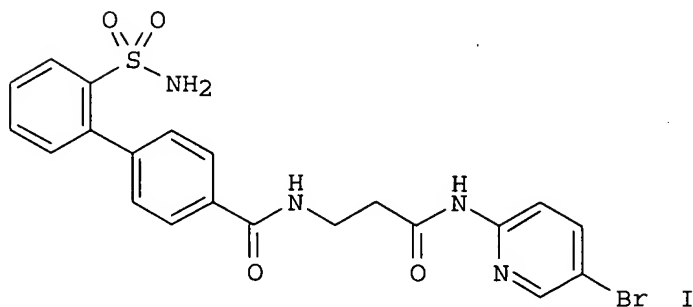
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001038309	A1	20010531	WO 2000-US31520	20001117
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1235807	A1	20020904	EP 2000-980439	20001117
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				US 1999-167240PP	19991124
				WO 2000-US31520W	20001117
	JP 2003514897	T2	20030422	JP 2001-540072	20001117
				US 1999-167240PP	19991124
				WO 2000-US31520W	20001117

OS MARPAT 135:19441

GI



AB Novel .beta.-amino acid-, aspartic acid- and diaminopropionic-based compds. of the general formula A-Q-D-E-G-J-X are claimed [wherein; A = (substituted)phenyl/naphthyl/5-10-membered ring heterocycle, the heterocycle may be monocyclic or fused bicyclic contg. 1-4 heteroatoms chosen from N, O or S; Q = bond, divalent alk(en/yn)yl, C(O), imino, etc.; D = (substituted)phenyl or a 5-10-membered ring heterocycle, the heterocycle may be monocyclic or fused bicyclic contg. 1-4 heteroatoms chosen from N, O or S; E = (CH₂)_qC(O), (CH₂)_qNR₅C(O)(CH₂)_x, etc., where q, x = 0-2, R₅ = H, acyl, alkyl, etc.; G = CHR₆, where R₆ is H, alkyl(hetero)(aryl), etc.; J = C(=O)NR₁₁, NR₁₁C(=O) or NR₁₁SO₂, where R₁₁ = H, alkyl or carbocyclic-aryl; X = (substituted)phenyl/naphthyl, a (substituted) 6-membered arom. heterocycle contg. 1-3 N atoms or a

(substituted) fused arom. heterobicyclic ring system contg. 1-4 heteroatoms selected from N, O and S]. Approx. 50 synthetic examples are claimed. For instance, 4-[2-((tert-butylamino)sulfonyl)phenyl]benzoic acid is coupled to .beta.-alanine Et ester using BOP to give an intermediate amide ester (100%). The intermediate ester is coupled to 2-amino-5-bromopyridine in CH₂Cl₂ using AlMe₃ to give the diamide (15%) which, upon deprotection using CF₃CO₂H, affords I in 78% yield after purifn. Compds. of the invention preferably have in-vitro protease activity; IC₅₀ for factor Xa <100 nM, prothrombinase <10 nM and thrombin >100 .mu.M. A rabbit deep vein thrombosis model at a high dose of 100 .mu.g/kg demonstrated antithrombotic efficacy (no data) with no adverse side effects. The compds. are useful for preventing/treating coagulation disorders.

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 49 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:356700 CAPLUS

DN 134:359319

TI Organic electroluminescent device

IN Kitazawa, Daisuke; Makiyama, Akira; Kohama, Toru

PA Toray Industries, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001135480	A2	20010518	JP 1999-312188	19991102
				JP 1999-312188	19991102

OS MARPAT 134:359319

AB The invention relates to an org. electroluminescent device comprising zinc, magnesium and beryllium metal complexes with 2,2'-dipyridylamine deriv. ligands.

L7 ANSWER 50 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:355084 CAPLUS

DN 134:353297

TI Preparation of thienopyridines and thienopyrimidines as cell adhesion-inhibiting antiinflammatory compounds

IN Stewart, Andrew O.; Boyd, Steven A.; Arendsen, David L.; Bhatia, Pramila; Condroski, Kevin R.; Freeman, Jennifer C.; Gunawardana, Indrani W.; Zhu, Gui-dong; Lartey, Kraig; Mccarty, Catherine M.; Mort, Nicholas A.; Patel, Meena V.; Staeger, Michael A.; Stout, David M.

PA Abbott Laboratories, USA

SO U.S., 117 pp.

CODEN: USXXAM

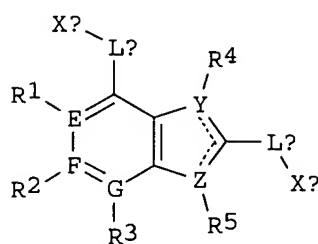
DT Patent

LA English

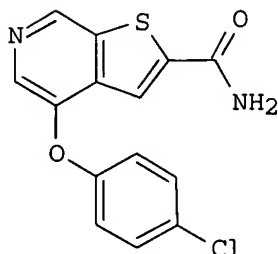
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6232320	B1	20010515	US 1999-325336	19990603
				US 1998-87907P P	19980604
	US 2001020030	A1	20010906	US 2001-799729	20010306
	US 6579882	B2	20030617		
				US 1998-87907P P	19980604

US 1999-325336 A319990603

OS MARPAT 134:353297
GI

I



II

AB The title compds. [I; E, F, and G = C, N, N(:O); Y, Z = C, N, O, S(O)_n; n = 0-2; LA = covalent bond, O, S(O)_n, etc.; XA = halo, (un)substituted alkyl, etc.; LB = covalent bond, O, S(O)_n, etc.; XB = H, alkyl, alkenyl, etc.; R1-R5 = absent, H, halo, etc.] were prepd. as antiinflammatory compds. I inhibited the expression of e-selectin and ICAM-1 relative to VCAM-1 and are useful for the treatment or prophylaxis of diseases caused by expression of adhesion mols. Examples include syntheses for over 300 invention compds. and e-selectin, ICAM-1, and VCAM-1 inhibition potencies for approx. 90 representative compds. For instance, 4-chlorophenol was treated with KOBu-t in THF and added to 3,5-dichloropyridine-4-carboxaldehyde in THF. Cycloaddition with Me thioglycolate in the presence of Cs₂CO₃, followed by conversion to the amide by heating to 45.degree.C in methanolic NH₃ for 18 h, afforded 4-(4-chlorophenoxy)thieno[2,3-pyridine-2-carboxamide (II). II inhibited e-selectin, ICAM-1, and VCAM-1 by 82%, 74%, and 50%, resp., at concns. of 1 .mu.M.

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 51 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:241784 CAPLUS

DN 134:265905

TI Catalytic asymmetric cycloaddition reactions of dienes and aldehydes
IN Jacobsen, Eric N.; Schaus, Scott E.; Dossetter, Alexander G.; Jamison, Timothy F.

PA Harvard University, USA

SO U.S., 39 pp., Cont.-in-part of U.S. 6,130,340.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6211370	B1	20010403	US 1999-255480	19990223
US 6130340	A	20001010	US 1998-6104	A219980113
WO 2000050365	A1	20000831	US 1998-6104	19980113
			WO 2000-US4742	20000223
W: AU, CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 2002004602	A1	20020110	US 1999-255480 A	19990223
			US 2001-755612	20010104

Patel

8/29/2003>

US 6369223 B2 20020409

US 1998-6104 A219980113
US 1999-255480 A119990223

PATENT FAMILY INFORMATION:

FAN 1999:464250

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9936375	A1	19990722	WO 1998-US24971	19981120
W: AU, CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

US 6130340 A 20001010
AU 9915990 A1 19990802US 1998-6104 A 19980113
US 1998-6104 19980113
AU 1999-15990 19981120
US 1998-6104 A 19980113
WO 1998-US24971W 19981120

FAN 2000:608693

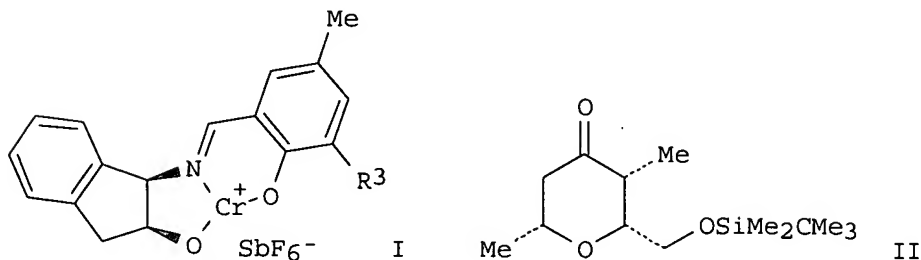
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000050365	A1	20000831	WO 2000-US4742	20000223
W: AU, CA, JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

US 6211370 B1 20010403

US 1999-255480 A 19990223
US 1999-255480 19990223
US 1998-6104 A219980113

OS MARPAT 134:265905

GI



AB Stereoselective cycloaddn. reactions which generally comprise a cycloaddn. reaction between a pair of substrates, each either chiral or prochiral, that contain reactive π -systems, in the presence of a nonracemic chiral catalyst produced stereoisomerically enriched products. Thus, Cr complex I ($\text{R}_3 = 1\text{-adamantyl}$) catalyzed the hetero Diels-Alder reaction of $\text{Me}_3\text{CMe}_2\text{SiOCH}_2\text{CHO}$ with $\text{MeCH:CHC(OSiEt}_3\text{):CHMe}$ to give 93% pyran II in 98% ee.

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 52 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:168104 CAPLUS

DN 134:194911

TI Color-safe laundry methods employing zwitterionic formulation components

IN Dykstra, Robert Richard; Kellett, Patti Jean
 PA Procter & Gamble Company, USA
 SO PCT Int. Appl., 83 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016278	A1	20010308	WO 2000-US23321	20000825
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000013643	A	20020507	US 1999-151174PP	19990827
			BR 2000-13643	20000825
			US 1999-151174PP	19990827
			WO 2000-US23321W	20000825
EP 1206518	A1	20020522	EP 2000-957789	20000825
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
			US 1999-151174PP	19990827
			WO 2000-US23321W	20000825
JP 2003508589	T2	20030304	JP 2001-520826	20000825
			US 1999-151174PP	19990827
			WO 2000-US23321W	20000825

OS MARPAT 134:194911

AB The present invention relates to zwitterionic org. catalyst compd. bleach systems and methods for using such bleach systems to increase color safety during laundering of fabrics, esp. colored fabrics. More particularly, this invention relates to bleach systems comprising zwitterionic, quaternary imine bleach boosting compds., zwitterionic, quaternary oxaziridinium bleaching species and mixts. thereof, and methods employing such bleach systems in the laundering of fabrics, esp. colored fabrics.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 53 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:168103 CAPLUS

DN 134:194910

TI Color-safe laundry methods employing cationic formulation components

IN Dykstra, Robert Richard

PA Procter & Gamble Company, USA

SO PCT Int. Appl., 80 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016277	A1	20010308	WO 2000-US23320	20000825
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,				

CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI,
 GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
 KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,
 MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM,
 TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
 MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 1999-151110PP 19990827
 BR 2000013647 A 20020507 BR 2000-13647 20000825
 US 1999-151110PP 19990827
 WO 2000-US23320W 20000825
 EP 1206517 A1 20020522 EP 2000-957788 20000825
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL
 US 1999-151110PP 19990827
 WO 2000-US23320W 20000825
 JP 2003508588 T2 20030304 JP 2001-520825 20000825
 US 1999-151110PP 19990827
 WO 2000-US23320W 20000825

OS MARPAT 134:194910

AB The present invention relates to cationic org. catalyst compd. bleach
 systems and methods for using such bleach systems to increase color safety
 during laundering of fabrics, esp. colored fabrics. More particularly,
 this invention relates to bleach systems comprising cationic, quaternary
 imine bleach boosting compds., cationic, quaternary oxaziridinium
 bleaching species and mixts. thereof, and methods employing such bleach
 systems in the laundering of fabrics, esp. colored fabrics.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 54 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:168102 CAPLUS
 DN **134:209741**
 TI Bleaching laundry detergent formulation with organic catalyst
 IN Dykstra, Robert Richard; Gustwiller, Marc Eric; Howard, Tonya Ann
 PA The Procter & Gamble Company, USA
 SO PCT Int. Appl., 119 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016276	A1	20010308	WO 2000-US23319	20000825
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				US 1999-151172PP 19990827
				US 1999-151216PP 19990827

BR 2000013616 A 20020507 BR 2000-13616 20000825
US 1999-151172PP 19990827
US 1999-151216PP 19990827
WO 2000-US23319W 20000825
EP 1206516 A1 20020522 EP 2000-957787 20000825
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
US 1999-151172PP 19990827
US 1999-151216PP 19990827
WO 2000-US23319W 20000825
JP 2003508587 T2 20030304 JP 2001-520824 20000825
US 1999-151172PP 19990827
US 1999-151216PP 19990827
WO 2000-US23319W 20000825
US 2002123445 A1 20020905 US 2002-83948 20020227
US 1999-151172PP 19990827
US 1999-151216PP 19990827
WO 2000-US23319A120000825

OS MARPAT 134:209741

AB The bleaching laundry detergent formulation with improved stability
contains 0.001-10% cationic branched org. catalyst (amines, amine oxides
and etc.), 1-40% mid-chain branched anionic surfactant and other
components such as 0.01-60% peroxygen comps. (peracid or hydrogen
peroxide source), bleaching activator, enzyme, chelating agent, builders,
fillers, fragrance and etc.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 55 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:168101 CAPLUS

DN **134:209699**

TI Preparation of organic compounds containing nitrogen and the use as
detergent booster-catalyst thereof

IN Dykstra, Robert Richard

PA The Procter & Gamble Company, USA

SO PCT Int. Appl., 111 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016275	A1	20010308	WO 2000-US23318	20000825
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,				
CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, FR, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
			US 1999-151180PP	19990827
EP 1206520	A1	20020522	EP 2000-959388	20000825
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
			US 1999-151180PP	19990827

BR 2000013610	A	20020716	WO 2000-US23318W 20000825
			BR 2000-13610 20000825
			US 1999-151180PP 19990827
JP 2003508586	T2	20030304	WO 2000-US23318W 20000825
			JP 2001-520823 20000825
			US 1999-151180PP 19990827
			WO 2000-US23318W 20000825

OS MARPAT 134:209699

AB The present invention relates to formulation components, such as org. catalyst compds. designed with time-controlled bleaching to increase color safety, compns. and laundry methods employing such org. catalyst compds. More particularly, this invention relates to org. catalysts compds. such as quaternary imine bleach boosting compds., quaternary oxaziridinium bleaching species, modified amines and amine oxides, imines, and/or oxaziridines, compns. and laundry methods employing such org. catalyst compds.

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 56 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:168100 CAPLUS

DN 134:209698

TI Preparation of organic compounds containing nitrogen and the use as detergent booster-catalyst thereof

IN Dykstra, Robert Richard; Weed, Penny S.

PA Procter & Gamble Company, USA

SO PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001016274	A1	20010308	WO 2000-US23317	20000825
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG US 1999-151176PP 19990827				
BR 2000014151	A	20020507	BR 2000-14151	20000825
US 1999-151176PP 19990827				
WO 2000-US23317W 20000825				
EP 1206519	A1	20020522	EP 2000-959387	20000825
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL US 1999-151176PP 19990827				
WO 2000-US23317W 20000825				
JP 2003508585	T2	20030304	JP 2001-520822	20000825
US 1999-151176PP 19990827				
WO 2000-US23317W 20000825				

OS MARPAT 134:209698

AB The present invention relates to formulation components, such as org.

catalyst compds. having increased stability, compns. and laundry methods employing such org. catalyst compds. More particularly, this invention relates to org. catalysts compds. such as quaternary imine bleach boosting compds., quaternary oxaziridinium bleaching species, modified amines and amine oxides, compns. and laundry methods employing such org. catalyst compds.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 57 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:168090 CAPLUS

DN 134:209740

TI Bleaching laundry detergent formulation with controlled available components

IN Dykstra, Robert Richard; Miracle, Gregory Scot

PA Procter & Gamble Company, USA

SO PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DT Patent

LA English

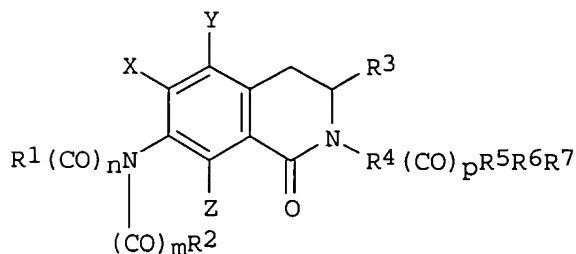
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001016263	A2	20010308	WO 2000-US23323	20000825
	WO 2001016263	A3	20010607		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				US 1999-151002PP	19990827
				US 1999-151004PP	19990827
BR	2000013608	A	20020521	BR 2000-13608	20000825
				US 1999-151002PP	19990827
				US 1999-151004PP	19990827
				WO 2000-US23323W	20000825
EP	1206513	A2	20020522	EP 2000-957790	20000825
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
				US 1999-151002PP	19990827
				US 1999-151004PP	19990827
				WO 2000-US23323W	20000825
JP	2003508581	T2	20030304	JP 2001-520812	20000825
				US 1999-151002PP	19990827
				US 1999-151004PP	19990827
				WO 2000-US23323W	20000825
OS	MARPAT 134:209740				
AB	The laundry detergent formulation with bleach having its components controlled available during the laundry process, contains bleaching compns.(peroxygen), bleach activator (amines, amine oxides and etc.), detergent (mid-chain branched anionic surfactant), enzyme, chelating agent, builders, fillers, fragrance and etc.				

L7 ANSWER 58 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:152935 CAPLUS
 DN **134:193349**
 TI Preparation and antimicrobial activities of combinatorial libraries of
 4-unsubstituted dihydroisoquinolinone derivatives
 IN Moteshare, Kianoush; Lebl, Michal; Krchnak, Viktor; Ni, Yidong
 PA Trega Biosciences, Inc., USA
 SO PCT Int. Appl., 162 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001014879	A1	20010301	WO 2000-US20774	20000728
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6452009	B1	20020917	US 1999-378569 A	19990819
	EP 1210598	A1	20020605	US 1999-378569	19990819
				EP 2000-955287	20000728
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
				US 1999-378569 A	19990819
				WO 2000-US20774W	20000728

OS MARPAT 134:193349
 GI



AB Dihydroisoquinolinones I [R1, R2 = H, alkyl, alkenyl, Ph, etc.; R3 = H, alkyl, heteroaryl, etc.; R4 = -, DWE and W = -, cycloalkylene, arylene, etc. and D and E = -, alkylene, alkynylene, etc.; R5 = -, O, S, amino; R6 = -, alkylene, alkenylene; R7 = H, halide, OR13, CO2R13, etc.; X, Y, Z = H, halo, OH, cyano, nitro, etc.; m, n, p = 0, 1 and when 0 the absent carbonyl can be replaced with SO2] were prepd. Thus, bromoacetic acid was coupled to a resin and the resulting compds. were coupled with 1,4-Boc-NH-CH2-Ph-COOH, deprotected, and reacted with an aldehyde. The resulting compds. were then reacted with 4-nitrohomophthalic acid, reduced with tin chloride, and the compds. were reacted with a carboxylic acid. The resulting compds. were then cleaved and extd. The melanocortin receptor assay and antimicrobial activity of I were investigated.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 59 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:91366 CAPLUS
 DN **134:149097**
 TI Ink jet ink set
 IN Erdtmann, David; Evans, Steven; Weber, Helmut
 PA Eastman Kodak Company, USA
 SO U.S., 7 pp.
 CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6183548	B1	20010206	US 1999-387585	19990831
	EP 1081198	A2	20010307	EP 2000-202924	20000821
	EP 1081198	A3	20011031		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				US 1999-387585 A	19990831
	JP 2001115075	A2	20010424	JP 2000-261379	20000830
				US 1999-387585 A	19990831

OS MARPAT 134:149097

AB A color ink jet ink set for color printing comprises: (a) a yellow ink comprising a carrier and Direct Yellow 107, Direct Yellow 132 or Direct Yellow 86; (b) a magenta ink comprising a carrier and a water sol., transition metal complex of an 8-heterocyclylazo-5-hydroxyquinoline dye; and (c) a cyan ink comprising a carrier and a sulfonated copper phthalocyanine dye.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 60 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:31501 CAPLUS

DN **134:100887**

TI Preparation of tricyclic compounds having spiro-piperidine as inhibitors of blood coagulation factor X (FXa) and anticoagulants

IN Nishida, Hidemitsu; Saitoh, Fumihiko; Harada, Kousuke; Shiromizu, Ikuya

PA Mochida Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 305 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001002397	A1	20010111	WO 2000-JP4374	20000630
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				JP 1999-222883 A	19990630
	EP 1191028	A1	20020327	EP 2000-940912	20000630
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

BR 2000012093	A	20020716	JP 1999-222883 A 19990630
			WO 2000-JP4374 W 20000630
			BR 2000-12093 20000630
			JP 1999-222883 A 19990630
			WO 2000-JP4374 W 20000630
US 2003045520	A1	20030306	US 2001-26606 20011227
			JP 1999-222883 A 19990630
			WO 2000-JP4374 A220000630
			JP 2000-399998 A 20001228
NO 2001006402	A	20020227	NO 2001-6402 20011228
			JP 1999-222883 A 19990630
			WO 2000-JP4374 W 20000630

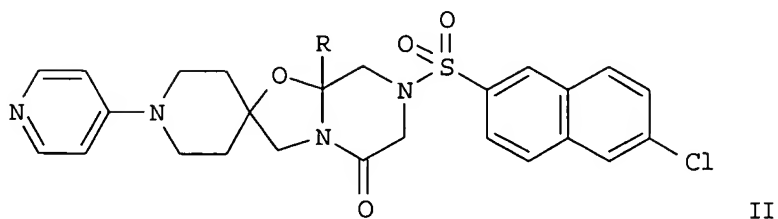
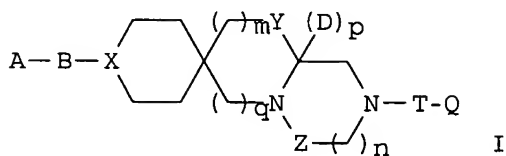
PATENT FAMILY INFORMATION:

FAN 2002:521746

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053568	A1	20020711	WO 2001-JP11656	20011228
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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				JP 2000-399998 A 20001228	

OS MARPAT 134:100887

GI



AB Arom. compds. having cyclic amino which are represented by general formula (I) or salts thereof [wherein A = H, (un)substituted (un)satd. 5- to 6-membered cyclic hydrocarbonyl or heterocyclyl, (un)substituted NH₂, (un)substituted imidoyl; B = single bond, CO, SO, (un)substituted C1-2 alkylene; D = H, (un)substituted CHO, (un)substituted C1-6 alkyl; X = N, (un)substituted methine; Y = O, S(O)_y (wherein y = 0,1,2), (un)substituted

NH; Z = CH₂, CO, C(S); T = S(O)_z (wherein z = 0,1,2), CO, (un)substituted C1-2 alkylene; Q = (un)substituted hydrocarbonyl or heterocyclyl; m, n, q = 0, 1,2; p = 0,1; the three rings contg. X, Y, or Z is optionally substituted; the bond represented by a dotted and solid line in the ring contg. Z is a single bond or a double bond when p = 0] are prepd. These compds. are useful as drugs, in particular, activated blood coagulation factor X inhibitors for the prevention and treatment of diseases caused by thrombus or embolism, influenza virus infection, or periodontosis, exert a potent anticoagulation effect, and can be orally administered. A pharmacophore derived from the above compds. is also useful in mol. designing Fxa inhibitors. Thus, 4-(aminomethyl)-1-benzyl-4-hydroxypiperidine was cyclocondensed with Et 2-[N-(3-acetoxy-2-oxopropan-1-yl)-N-(6-chloronaphthalene-2-ylsulfonyl)amino]acetate under reflux in the presence of p-MeC₆H₄SO₃H.H₂O using a Dean-Stark trap to give 6-acetoxy-1,4-diaza-1'-benzyl-4-(6-chloronaphthalene-2-ylsulfonyl)-7-oxaspiro[bicyclo[4.3.0]nonan-8,4'-piperidine]-2-one which underwent sapon. with a mixt. of aq. NaOH and MeOH, methylation by di-Me sulfate, and debenzylation with 1-chloroethyl chloroformate to give 1,4-diaza-4-(6-chloronaphthalene-2-ylsulfonyl)-6-(methoxymethyl)-7-oxaspiro[bicyclo[4.3.0]nonan-8,4'-piperidine]-2-one hydrochloride. The latter compd. was condensed with 4-chloropyridine hydrochloride in the presence of diisopropylethylamine in 2-ethoxyethanol under reflux for 2 h to give 1,4-diaza-4-(6-chloronaphthalene-2-ylsulfonyl)-6-(methoxymethyl)-7-oxo-1'-(4-pyridyl)-spiro[bicyclo[4.3.0]nonan-8,4'-piperidine]-2-one (II; R = CH₂OMe). II (R = CH₂OMe) and II (R = CO₂Et) showed IC₅₀ of 0.0032 and 0.0015 .mu.M, resp., against Fxa.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 61 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:12258 CAPLUS
DN 134:80806
TI Methods of treating fungal infections with inhibitors of NAD synthetase
IN Brouillette, Wayne J.; Brouillette, Christie G.; Delucas, Lawrence J.
PA The UAB Research Foundation, USA
SO PCT Int. Appl., 149 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001000197	A2	20010104	WO 2000-US18029	20000629
	WO 2001000197	A3	20010907		
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EP	1194135	A2	20020410	EP 2000-943322	20000629
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BR 2000012135	A	20020702	WO 2000-US18029W 20000629
			BR 2000-12135 20000629
			US 1999-141436PP 19990629
US 2003083269	A1	20030501	WO 2000-US18029W 20000629
			US 2002-80279 20020222
			US 1998-71399P P 19980114
			US 1998-97880P P 19980825
			WO 1999-US810 A119990114
			US 1999-141436PP 19990629
			WO 1999-US14839A119990630
			US 2000-606256 A220000629
			WO 2000-US18029A220000629
			US 2000-218405PP 20000714
			US 2000-617258 A220000714
			WO 2001-US22203A220010713

PATENT FAMILY INFORMATION:

FAN 1999:464294

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9936422	A1	19990722	WO 1999-US810	19990114
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			US 1998-71399P P 19980114	
			US 1998-97880P P 19980825	
CA 2317439	AA	19990722	CA 1999-2317439	19990114
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			US 1998-97880P P 19980825	
			WO 1999-US810 W 19990114	
EP 1047692	A1	20001102	EP 1999-900821	19990114
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			US 1998-71399P P 19980114	
			US 1998-97880P P 19980825	
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JP 2002509149	T2	20020326	JP 2000-540138	19990114
			US 1998-71399P P 19980114	
			US 1998-97880P P 19980825	
			WO 1999-US810 W 19990114	
CA 2341506	AA	20000302	CA 1999-2341506	19990630
			US 1998-97880P P 19980825	
			WO 1999-US810 W 19990114	
			WO 1999-US14839W 19990630	
WO 2000010996	A1	20000302	WO 1999-US14839	19990630
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AU 9949639	A1	20000314	US 1998-97880P P 19980825 WO 1999-US810 A219990114 AU 1999-49639 19990630 US 1998-97880P P 19980825 WO 1999-US810 A 19990114 WO 1999-US14839W 19990630 EP 1999-933622 19990630
EP 1109805	A1	20010627	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
JP 2002523412	T2	20020730	US 1998-97880P P 19980825 WO 1999-US810 W 19990114 WO 1999-US14839W 19990630 JP 2000-566269 19990630 US 1998-97880P P 19980825 WO 1999-US810 W 19990114 WO 1999-US14839W 19990630
AU 9920317	A1	19990802	AU 1999-20317 19990802 US 1998-71399P P 19980114 US 1998-97880P P 19980825 WO 1999-US810 A 19990114
US 6500852	B1	20021231	US 2000-617258 20000714 US 1998-71399P P 19980114 US 1998-97880P P 19980825 WO 1999-US810 A219990114 WO 1999-US14839A119990630
US 2003083269	A1	20030501	US 2002-80279 20020222 US 1998-71399P P 19980114 US 1998-97880P P 19980825 WO 1999-US810 A119990114 US 1999-141436PP 19990629 WO 1999-US14839A119990630 US 2000-606256 A220000629 WO 2000-US18029A220000629 US 2000-218405PP 20000714 US 2000-617258 A220000714 WO 2001-US22203A220010713
FAN 2002:89769			
PATENT NO.	KIND	DATE	APPLICATION NO. DATE
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PI WO 2002007516	A2	20020131	WO 2001-US22203 20010713
WO 2002007516	A3	20020627	
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EP 1301074	A2	20030416	US 2000-218405PP 20000714 EP 2001-958943 20010713
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BR 2001012514	A	20030701	US 2000-218405PP 20000714 WO 2001-US22203W 20010713 BR 2001-12514 20010713 US 2000-218405PP 20000714

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			US 2002-80279 20020222
			US 1998-71399P P 19980114
			US 1998-97880P P 19980825
			WO 1999-US810 A119990114
			US 1999-141436PP 19990629
			WO 1999-US14839A119990630
			US 2000-606256 A220000629
			WO 2000-US18029A220000629
			US 2000-218405PP 20000714
			US 2000-617258 A220000714
			WO 2001-US22203A220010713
FAN 2003:334644			
PATENT NO.	KIND	DATE	APPLICATION NO. DATE
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PI US 2003083269	A1	20030501	US 2002-80279 20020222
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			US 1998-97880P P 19980825
			WO 1999-US810 A119990114
			US 1999-141436PP 19990629
			WO 1999-US14839A119990630
			US 2000-606256 A220000629
			WO 2000-US18029A220000629
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US 1998-97880P P 19980825

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WO 2001000197 A2 20010104

WO 2000-US18029 20000629

WO 2001000197 A3 20010907

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US 1999-141436PP 19990629

US 6500852 B1 20021231

US 2000-617258 20000714

US 1998-71399P P 19980114

US 1998-97880P P 19980825

WO 1999-US810 A219990114

WO 1999-US14839A119990630

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WO 2002007516 A2 20020131

WO 2002007516 A3 20020627

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US 2000-218405PP 20000714

OS MARPAT 134:80806

AB The invention provides methods of treating or preventing fungal infections
 in a host comprising administering a yeast NAD synthetase inhibitor. The
 invention further provides a method of killing yeast comprising
 administering a yeast NAD synthetase compd. that selectively binds to
 catalytic sites in yeast whereby the yeast is killed.

L7 ANSWER 62 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:881155 CAPLUS

DN 134:42120

TI Preparation of thienopyridines and thienopyrimidines as cell
 adhesion-inhibiting antiinflammatory compounds

IN Arendsen, David L.; Bhatia, Pramila; Boyd, Steven A.; Condroski, Kevin R.;
 Freeman, Jennifer C.; Gunawardana, Indrani W.; Lartey, Kraig; McCarty,
 Catherine M.; Mort, Nicholas A.; Patel, Meena V.; Staeger, Michael A.;
 Stewart, Andrew O.; Stout, David M.; Zhu, Gui-Dong

PA Abbott Laboratories, USA

SO PCT Int. Appl., 320 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

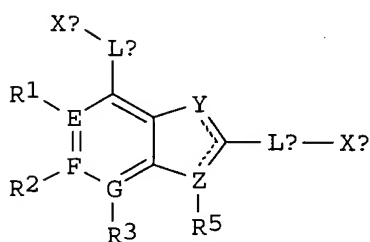
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PI WO 2000075145	A1	20001214	WO 1999-US14596	19990628
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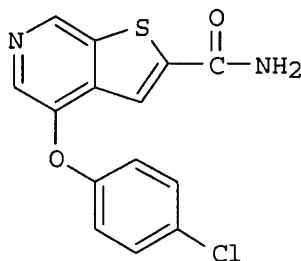
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 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 AU 9948388 A1 20001228 AU 1999-48388 19990628
 WO 1999-US14596A 19990628
 EP 1181296 A1 20020227 EP 1999-931986 19990628
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 US 1999-306199 A 19990603
 WO 1999-US14596W 19990628

OS MARPAT 134:42120
 GI



I



II

AB The title compds. (I) [wherein E, F, and G = independently C, N, or N(:O); Y and Z = independently C, N, O, or S(O)n; n = 0-2; LA = covalent bond, O, S(O)n, NR6, C(:W), or alkenylene; R6 = H or (un)substituted alkyl; W = O or S; XA = halo or (un)substituted alkyl; LB = covalent bond, O, S(O)n, NR6, C(:W), or C(:NR13); NR13 = H, NO2, CN, OH, aryloxy, or (un)substituted alkoxy; XB = H, alkoxy, OH, aryl, heterocyclyl, CN, CHO, halo or (un)substituted alkyl, alkenyl, amino, urea, (thio)amido, or B(OH)2; R1-R5 = absent or independently H, halo, alkoxy, perfluoroalkyl, OH, SH, alkylthio, heterocyclyl, or (un)substituted alkyl, carboxy, amido, arylthio, or amino] were prepd. as antiinflammatory compds. I inhibited the expression of e-selectin and ICAM-1 relative to VCAM-1 and are useful for the treatment or prophylaxis of diseases caused by expression of adhesion mols. Examples include syntheses for over 300 invention compds. and E-selectin, ICAM-1, and VCAM-1 inhibition potencies for approx. 90 representative compds. For instance, 4-chlorophenol was treated with KOBu-t in THF and added to 3,5-dichloropyridine-4-carboxaldehyde in THF. Cycloaddition with Me thioglycolate in the presence of Cs2CO3, followed by conversion to the amide by heating to 45.degree.C in methanolic NH3 for 18 h, afforded 4-(4-chlorophenoxy)thieno[2,3-c]pyridine-2-carboxamide (II). II inhibited e-selectin, ICAM-1, and VCAM-1 by 82%, 74%, and 50%, resp., at concns. of 1 .mu.M.

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 63 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:881124 CAPLUS

DN 134:42141

TI Preparation of novel heterocyclic carboxamide derivatives as spleen

tyrosine kinase inhibitors

IN Hisamichi, Hiroyuki; Kawazoe, Souichirou; Tanabe, Kazuhito; Ichikawa, Atsushi; Orita, Akiko; Suzuki, Takayuki; Onda, Kenichi; Takeuchi, Makoto
 PA Yamanouchi Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 36 pp.

CODEN: PIXXD2

DT Patent

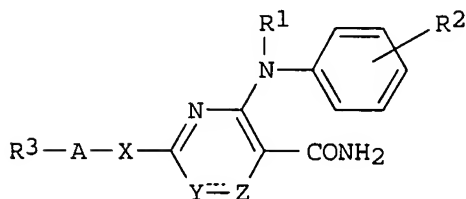
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000075113	A1	20001214	WO 2000-JP3767	20000609
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				JP 1999-162692 A	19990609
	JP 2001055378	A2	20010227	JP 2000-171185	20000607
				JP 1999-162692 A	19990609
	EP 1184376	A1	20020306	EP 2000-935619	20000609
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
				JP 1999-162692 A	19990609
				WO 2000-JP3767 W	20000609

OS MARPAT 134:42141

GI



I

AB Nitrogenous six-membered heterocycle compds. bearing as the substituents -X-A-R₃, -N-(R₁)-(R₂-substituted Ph) and -CONH₂ [I; wherein A = (substituted) lower alkylene, (substituted) (hetero)arylene, cycloalkylene; X = NR₄, CONR₄, NR₄CO, O, S; the dotted line between Y and Z represents the presence of a bond (Y:Z) or the absence of a bond (Y-Z); Y-Z = NR₅-CO, CO-NR₅, NR₅-NR₅, CO-CO; Y:Z = N:CR₁, CR₇:N, N:N, CR₇:CR₇; R₄ = each H, lower alkyl, -CO-lower alkyl, or -SO₂-lower alkyl; R₂ = H, (halo-substituted) lower alkyl, -O-lower alkyl, -S-lower alkyl, -O-aryl, nitro, cyano, or the like; R₃ = -CO₂H, -CO₂-lower alkyl, -lower alkylene-CO₂H, -NH₂, -alkylene-NH₂, or the like; R₅ = H, lower alkyl; R₆ = lower alkyl, OH, -O-lower alkyl, -O-(substituted) aryl, -O-lower alkylene-(substituted) aryl, -NR₁-(substituted) aryl, -CO-lower alkyl-(substituted) aryl; R₇ = H, R₆] salts or prodrugs thereof are prepd. Also claimed are spleen tyrosine kinase (Syk) inhibitors contg. the compds. I or the salts or the prodrugs thereof as the active ingredient.

The compds. I are useful for the prevention or treatment of allergies, inflammations, autoimmune diseases, cancers, transplant rejection, graft-vs.-host diseases, and thrombosis. Thus, 2.76 mL cis-1,2-cyclohexanediamine was added to a mixt. of 605 mg 6-chloro-2-(3-methylanilino)pyridine-3-carboxamide and 10 mL MeCN and refluxed for 5 days to give 230 mg 6-(cis-2-aminohexylamino)-2-(3-methylanilino)pyrazine-3-carboxamide (II). II showed IC₅₀ of .1toreq.0.05 .mu.M against Syk, good inhibition against passive cutaneous anaphylaxis (PCA) in mice sensitized by anti-dinitrophenyl-IgE (DNP-IgE), and IC₅₀ of .1toreq.0.1 .mu.M against serotonin release according to the assay described by Collado-Escobar (J. Immunol. 144, 1990).

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 64 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:842099 CAPLUS

DN 134:29403

TI Preparation of heterocycle-contg. phenylacetodrazide derivatives as hypolipidemics

IN Suga, Akira; Imanishi, Naoki; Kubota, Hideki; Miura, Masanori; Umemoto, Kenji; Moritani, Hiroshi; Matsuda, Koyo

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DT Patent

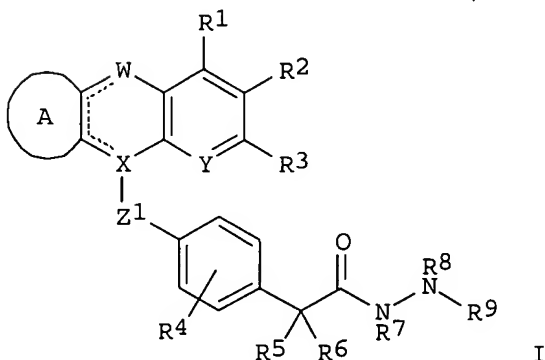
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000071502	A1	20001130	WO 2000-JP3289	20000523
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				JP 1999-144617 A	19990525

OS MARPAT 134:29403

GI



AB Hydrazide derivs. represented by general formula [I; R1 - R6 = H, halo, (un)substituted hydrocarbyl or heterocyclyl, CO₂H, lower alkyloxy-carbonyl, CHO, lower alkyl-carbonyl, lower alkyl-thio; R7, R8, R9 = H, (un)substituted hydrocarbyl, Z2-Q; or R8 and R9 form (un)substituted N-contg. heterocyclic ring; R10 = H, (un)substituted lower alkyl; ring A = (un)substituted benzene, pyridine, or cyclohexene; Q = (un)substituted hydrocarbyl or heterocyclyl; Z1 = lower alkylene, S, (un)substituted NH, SO₂, (un)substituted CONH; Z2 = bond, CO, (un)substituted CONH; W = bond, O, NH, S, CO; X, Y = N, CH], which have an inhibitory effect on apo B-assocd. lipoprotein secretion, are prepd. The above compds. are useful as drugs for lowering blood lipid, cholesterol, or triglyceride level or treating arteriosclerosis, obesity, or pancreatitis. Thus, 2-cyclopentyl-2-[4-[(2,4-dimethyl-9H-pyrido[2,3-b]indol-9-yl)methyl]phenyl]acetic acid (prepn. given) was suspended in CHCl₃, followed by successively adding 1-hydroxybenzotriazole, 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride, phenylhydrazine, and Et₃N under ice-cooling, and the resulting mixt. was gradually warmed to room temp. and stirred overnight at room temp. to give 2-cyclopentyl-2-[4-[(2,4-dimethyl-9H-pyrido[2,3-b]indol-9-yl)methyl]phenyl]-2'-phenylacetohydrazide (II). II at 0.5% methylcellulose suspension per day for 7 days lowered serum non-HDL cholesterol with ED₅₀ of 0.15 mg/kg in rats fed with high lipid food contg. 1.5% cholesterol, 0.5% cholic acid, and 10% coconut oil.

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 65 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:814310 CAPLUS

DN 133:359255

TI Nitrosated and nitrosylated potassium channel activators, compositions, and methods of use

IN Garvey, David S.; Saenz De Tejada, Inigo

PA Nitromed, Inc., USA

SO PCT Int. Appl., 112 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000067754	A1	20001116	WO 2000-US12957	20000512
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6417207	B1	20020709	US 1999-133888PP	19990512
			US 2000-570727	20000512
			US 1999-133888PP	19990512
US 2002143188	A1	20021003	US 2002-154916	20020528
			US 1999-133888PP	19990512
			US 2000-570727	A320000512

OS MARPAT 133:359255

AB The invention describes nitrosated and/or nitrosylated potassium channel activators, as well as compns. comprising at least one nitrosated and/or nitrosylated potassium channel activator and, optionally, at least one compd. that donates, transfers or releases nitric oxide, elevates endogenous levels of endothelium-derived relaxing factor, stimulates endogenous synthesis of nitric oxide, or is a substrate for nitric oxide synthase, and/or at least one vasoactive agent. The invention also provides compns. comprising at least one potassium channel activator and at least one compd. that donates, transfers or releases nitric oxide, elevates endogenous levels of endothelium-derived relaxing factor, stimulates endogenous synthesis of nitric oxide, or is a substrate for nitric oxide synthase, and/or at least one vasoactive agent. The invention further provides methods for treating or preventing sexual dysfunction in males and females, for enhancing sexual response in males and females, and for treating or preventing cardiovascular disorders, cerebrovascular disorders, hypertension, asthma, baldness, urinary incontinence, epilepsy, sleep disorders, gastrointestinal disorders, migraines, irritable bowel syndrome, and sensitive skin.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 66 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:790466 CAPLUS

DN 133:350058

TI Preparation of 6-[[[(aryl and heteroaryl)oxy]methyl]naphthalene-2-carboximidamide derivatives and their antithrombotic activity

IN Alcouffe, Chantal; Bellevergue, Patrice; Dellac, Genevieve; Latham, Christopher; Lassalle, Gilbert; Mallart, Sergio; Martin, Valerie; Masson, Christine; Mccort, Gary

PA Sanofi-Synthelabo, Fr.

SO PCT Int. Appl., 85 pp.

CODEN: PIXXD2

DT Patent

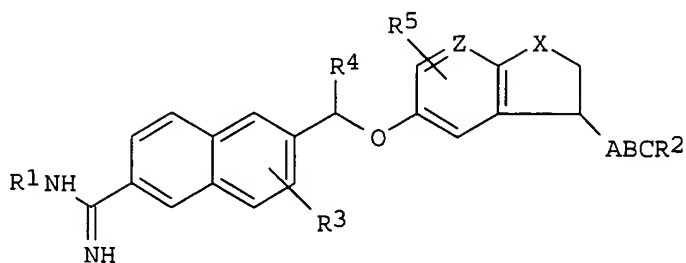
LA French

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000066545	A1	20001109	WO 2000-FR1087	20000425
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2793247	A1	20001110	FR 1999-5632	A 19990504
FR 2793247	B1	20010622	FR 1999-5632	19990504
EP 1177169	A1	20020206	EP 2000-922738	20000425
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 2000010230	A	20020213	FR 1999-5632	A 19990504
			WO 2000-FR1087 W	20000425
			BR 2000-10230	20000425
			FR 1999-5632	A 19990504
			WO 2000-FR1087 W	20000425

JP 2002543176	T2	20021217	JP 2000-615376	20000425
			FR 1999-5632	A 19990504
			WO 2000-FR1087	W 20000425
EE 200100579	A	20030217	EE 2001-579	20000425
			FR 1999-5632	A 19990504
			WO 2000-FR1087	W 20000425
BG 106048	A	20020531	BG 2001-106048	20011024
			FR 1999-5632	A 19990504
			WO 2000-FR1087	W 20000425
NO 2001005387	A	20020107	NO 2001-5387	20011102
			FR 1999-5632	A 19990504
			WO 2000-FR1087	W 20000425

OS MARPAT 133:350058
GI



I

AB The title compds. I [R1 = H, amino, C1-C4 alkyl, C1-C6 alkoxy carbonyl, OH; R2 = C1-C6 alkyl, Ph, benzyl, CH2Q wherein Q is a heterocyclic group; R3 and R5 = H, C1-C4 alkyl, COOH; R4 = H, C1-C4 alkyl, (CH2)pCOOR8; Z = CH, N], antithrombotic agents, were prepd. E.g., 6-[[[8-[[[(thiazol-4-yl)methyl]sulfonyl]amino]methyl]-5,6,7,8-tetrahydronaphthalen-2-yl]oxy]methyl]naphthalene-2-carboximidamide hydrochloride was prepd.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 67 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:736282 CAPLUS

DN 133:310879

TI Rigidized trimethine cyanine dyes

IN Waggoner, Alan S.; Mujumdar, Ratnakar B.

PA Carnegie Mellon University, USA

SO U.S., 27 pp.

CODEN: USXXAM

DT Patent

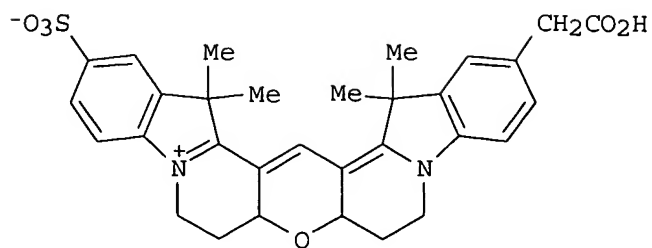
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 6133445	A	20001017	US 1998-212564	19981216
				US 1998-212564	19981216

OS MARPAT 133:310879

GI



I

AB The dyes, useful for imparting fluorescent properties to target materials by covalent and noncovalent assocn., are 14-(carboxymethyl)-6,7,7a,8a,9,10,16,18-octahydro-16,16,18,18-tetramethyl-2-sulfo-pyrano[3'',2'':3,4;5'',6'':3',4']dipyrido[1,2-a:1',2'-a']diindol-5-ium hydroxide inner salt (I) and its esters, esp. the ester with N-hydroxysuccinimide. 4-H₂NNHC₆H₄SO₃H was cyclocondensed with MeCOCHMe₂ in HOAc to give 2,3,3-trimethyl-3H-indole-5-sulfonic acid, which was alkylated with CH₂:CHCH(OEt)₂; the product was condensed with the reaction product of Ph₂NCHO and Et 1-(3,3-diethoxypropyl)-2,3,3-trimethyl-3H-indole-5-carboxylate to give the unsym. 1,1'-bis(3,3-diethoxypropyl)indocarbocyanine deriv., which was cyclized with hydrolysis in CHCl₃ contg. H₂SO₄ to give I, λ_{max} 563 nm in MeOH. Synthesis of several related dyes is also described.

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 68 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:725595 CAPLUS

DN **133:266596**

TI Preparation of amino acids and derivatives as LTA4 hydrolase inhibitors

IN Danvy, Denis; Monteil, Thierry; Plaquevent, Jean-Christophe; Duhamel, Pierre; Duhamel, Lucette; Noel, Nadine; Gros, Claude; Chamard, Olivier; Schwartz, Jean-Charles; Lecomte, Jeanne-Marie; Piettre, Serge

PA Institut National de la Sante et de la Recherche Medicale (Inserm), Fr.; Bioprojet; et al.

SO PCT Int. Appl., 108 pp.

CODEN: PIXXD2

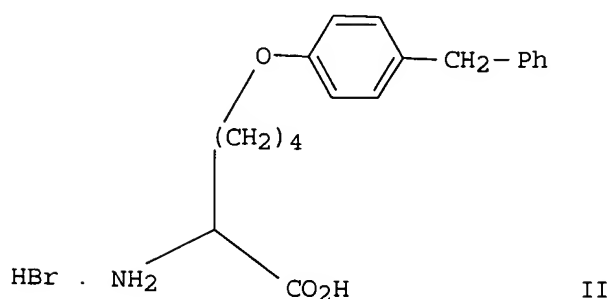
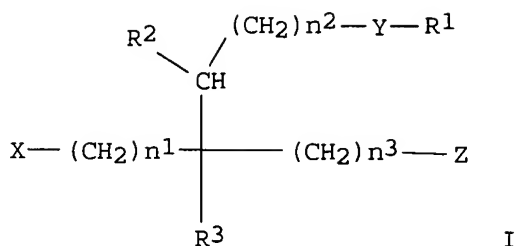
DT Patent

LA French

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000059864	A1	20001012	WO 2000-FR876	20000406
W: CA, JP, KR, MX, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
FR 2791982	A1	20001013	FR 1999-4271	A 19990406
FR 2791982	B1	20021227	FR 1999-4271	19990406
EP 1165491	A1	20020102	EP 2000-917145	20000406
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2003506317	T2	20030218	FR 1999-4271	A 19990406
			WO 2000-FR876	W 20000406
			JP 2000-609377	20000406
			FR 1999-4271	A 19990406

WO 2000-FR876 W 20000406

OS MARPAT 133:266596
GI

AB The invention concerns LTA4 hydrolase-inhibiting compds. I [R¹ = H, alkyl, cycloalkyl, (un)substituted Ph, naphthyl, anthracene, heterocycle; R², R³ = independently H, alkyl, CF₃, halogen; n¹ and n³ = same or 0-1; n² = 0-10; X = NH₂, N:CR₄R₅; R₄, R₅ = H, alkyl, (un)substituted phenyl; Y = O, CH₂, S, OCH₂, NH; Z = carboxylate, phosphate, phosphite, heterocycle, SO₃H, sulfonamide, aminosulfonyl]; and their isomers, diastereomers, enantiomers, and pharmaceutically acceptable salts. The invention also concerns their therapeutic, and particularly anti-inflammatory, applications. Thus, amino acid II was prepd. and tested in mice for its inhibitory activity against LTA4 hydrolase and as antiarthritics and antipsoriatics.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 69 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:666731 CAPLUS

DN 133:237998

TI Preparation of tricyclic benzoylpyrazoles as herbicides.

IN Witschel, Matthias; Kudis, Steffen; Langemann, Klaus; Baumann, Ernst; Von Deyn, Wolfgang; Mayer, Guido; Misslitz, Ulf; Neidlein, Ulf; Otten, Martina; Westphalen, Karl-Otto; Walter, Helmut

PA BASF Aktiengesellschaft, Germany

SO PCT Int. Appl., 168 pp.

CODEN: PIXXD2

DT Patent

LA German

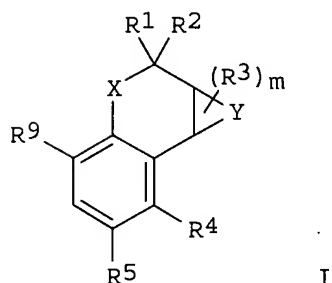
FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI WO 2000055158 A1 20000921 WO 2000-EP2010 20000308
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 CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID,
 IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
 MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG,
 SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW,
 AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 DE 1999-19911219A 19990312
 EP 1163240 A1 20011219 EP 2000-915171 20000308
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 DE 1999-19911219A 19990312
 WO 2000-EP2010 W 20000308
 JP 2002539211 T2 20021119 JP 2000-605587 20000308
 DE 1999-19911219A 19990312
 WO 2000-EP2010 W 20000308
 OS MARPAT 133:237998
 GI



AB Title compds. [I; X = O, S, SO, SO₂, CR₆R₇, NR₈, bond; Y = atoms to form a
 satd., partially satd. or unsatd. 5- or 6-membered heterocycle; R₁, R₂,
 R₆, R₇ = H, alkyl, haloalkyl, alkoxy, haloalkoxy; R₃ = halo, alkyl,
 haloalkyl, alkoxy, haloalkoxy; R₄ = H, NO₂, halo, cyano, alkyl, haloalkyl,
 alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfinyl,
 haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, (substituted)
 aminosulfonyl; R₅ = H, alkyl, halo; m = 0, 1, 2; R₈ = H, alkyl, haloalkyl,
 alkylcarbonyl, formyl, alkoxy carbonyl, haloalkoxy carbonyl, alkylsulfonyl,
 haloalkylsulfonyl; R₉ = substituted pyrazole-4-ylcarbonyl,
 5-oxopyrazolin-4-ylmethylides], were prepd. Thus, (5-hydroxy-1-methyl-1H-
 pyrazol-4-yl) (8-methylsulfonyl-3a,4-dihydro-3H-indeno[1,2-c]isoxazol-5-
 yl)methanone (prepn. given) in THF was treated with Et₃N and PhCOCl in THF
 followed by stirring overnight to give 31% (5-phenylcarbonyloxy-1-methyl-
 1H-pyrazol-4-yl) (8-methylsulfonyl-3a,4-dihydro-3H-indeno[1,2-c]isoxazol-5-
 yl)methanone. The latter at 0.25-0.5 kg/ha showed very good postemergent
 herbicidal activity.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 70 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:608693 CAPLUS

DN 133:207808

TI Asymmetric cycloaddition reactions using transition metal chiral Schiff base complexes

IN Jacobsen, Eric N.; Schaus, Scott E.; Dossetter, Alexander G.; Jamison, Timothy F.

PA President and Fellows of Harvard College, USA

SO PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000050365	A1	20000831	WO 2000-US4742	20000223
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6211370	B1	20010403	US 1999-255480 A	19990223
				US 1999-255480	19990223
				US 1998-6104	A219980113

PATENT FAMILY INFORMATION:

FAN 1999:464250

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9936375	A1	19990722	WO 1998-US24971	19981120
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6130340	A	20001010	US 1998-6104	A 19980113
	AU 9915990	A1	19990802	US 1998-6104	19980113
				AU 1999-15990	19981120
				US 1998-6104	A 19980113
				WO 1998-US24971W	19981120

FAN 2001:241784

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6211370	B1	20010403	US 1999-255480	19990223
				US 1998-6104	A219980113
	US 6130340	A	20001010	US 1998-6104	19980113
	WO 2000050365	A1	20000831	WO 2000-US4742	20000223
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 2002004602	A1	20020110	US 1999-255480 A	19990223
	US 6369223	B2	20020409	US 2001-755612	20010104
				US 1998-6104	A219980113
				US 1999-255480 A	19990223

OS MARPAT 133:207808

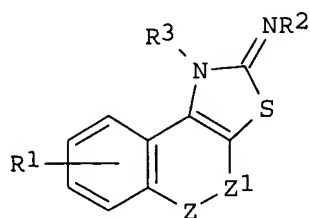
AB The present invention relates to a process for stereoselective cycloaddn. reactions which generally comprises a cycloaddn. reaction between a pair of substrates (1,3-diene and aldehyde), each either chiral or prochiral, that contain reactive .pi.-systems, in the presence of a nonracemic transition metal Schiff base chiral complex catalyst, to produce a stereoisomerically enriched product. The present invention also relates to novel asym. catalyst complexes comprising a metal and an asym. tridentate ligand.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

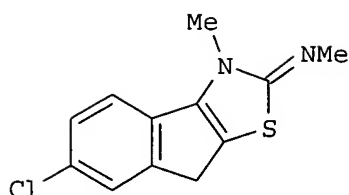
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 71 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:607388 CAPLUS
 DN **133:207886**
 TI Preparation of alkyliminoindanothiazoles and analogs as anorectic agents
 IN Jaehne, Gerhard; Geisen, Karl; Lang, Hans-jochen; Bickel, Martin
 PA Aventis Pharma Deutschland GmbH, Germany
 SO Ger. Offen., 16 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19908536	A1	20000831	DE 1999-19908536	19990226
	WO 2000051996	A1	20000908	WO 2000-EP926	20000205
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				DE 1999-19908536A	19990226
	EP 1157013	A1	20011128	EP 2000-906286	20000205
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
				DE 1999-19908536A	19990226
				WO 2000-EP926 W	20000205
	BR 2000008559	A	20011218	BR 2000-8559	20000205
				DE 1999-19908536A	19990226
				WO 2000-EP926 W	20000205
	JP 2002538149	T2	20021112	JP 2000-602223	20000205
				DE 1999-19908536A	19990226
				WO 2000-EP926 W	20000205
	US 6207689	B1	20010327	US 2000-500464	20000209
				DE 1999-19908536A	19990226
	US 6288093	B1	20010911	US 2000-697151	20001027
				DE 1999-19908536A	19990226
				US 2000-500464 A320000209	
	US 2001011096	A1	20010802	US 2001-774053	20010131
	US 6288094	B2	20010911		
				DE 1999-19908536A	19990226
				US 2000-500464 A320000209	
OS	MARPAT 133:207886				
GI					



I



II

AB Title compds. [I; R1 = 1 or 2 of halo, alkyl, alkoxy, acyl, etc.; R2,R3 = (carboxy)alkyl, CH2Ph, pyridinyl(alkyl), etc.; R2R3 = (CH2)2-4 or CH2CMe2; Z = O, S, CH2, CHPh; Z1 = bond, CH2, CH2CH2] were prepd. Thus, 2-bromo-5-chloro-1-indanone was cyclocondensed with (MeHN)2CS and the product treated with HOAc to give title compd. II.HBr. Data for biol. activity of I were given.

L7 ANSWER 72 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:475667 CAPLUS

DN **133:114204**

TI Cryptate compounds and methods for diagnosis and therapy

IN Smith, Suzanne Virginia; Harrowfield, John M.; DiBartolo, Nadine Marie; Sargeson, Alan McLeod

PA Australian Nuclear Science & Technology Organisation, Australia; The Australian National University

SO PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DT Patent

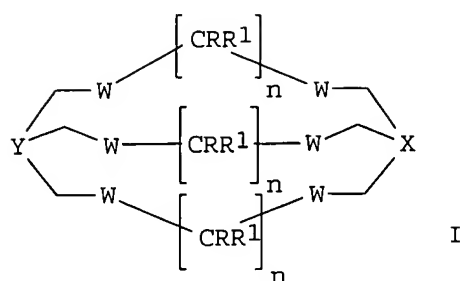
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2000040585	A1	20000713	WO 2000-AU3	20000105
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				AU 1999-8038	A 19990105
	EP 1147111	A1	20011024	EP 2000-902480	20000105
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				AU 1999-8038	A 19990105
				WO 2000-AU3	W 20000105

OS MARPAT 133:114204

GI



AB The present invention relates to cryptate compds. useful as chelating agents. In particular, the present invention relates to functionalized derivs. of certain cryptate compds. These functionalized derivs. are suitable for use in radiolabeling and similar applications. The present invention also relates to a method for diagnosis or therapy of a disease using functionalized derivs. of cryptate compds. The present invention relates to a compd. which is capable of being radiolabeled (I) in which $n = 2-4$, where each R and R1 is independently selected from -H, CH₃, COOH, NO₂, CH₂OH, H₂PO₄, HSO₃, CN, C=ONH₂ and CHO; X and Y are the same or different and are selected from the group of CR₂, N, P and C-Z in which R₂ represents a H or halogen atom or a hydroxyl, nitro, nitroso, amino, optionally substituted alkyl, optionally substituted aryl, optionally substituted aralkyl or cyano group, or a group of the formula -COOR', COCOOR', NHCOCH₂Br, -NHCOCH=CHCOOR' in which R' is a H atom or alkyl group; or; W is selected from the group of NH, S and O; and Z is a functionalized linkage group which is capable of binding said compd. (I) to a mol. recognition unit and wherein at least one of X and Y is C-Z; or a pharmaceutically acceptable salt thereof. For example 1,8-diaminosarcophagine was condensed with p-nitrobenzaldehyde to give the Schiff base which was reduced to 1-(4-aminophenylmethylamino)-8-aminosarcophagine (II) which was subsequently complexed with ⁶⁴Cu. The radiolabeling of an antibody (such as B72.3) was carried by incubating the antibody with II and complexing the immunoconjugate with ⁶⁴/⁶⁷Cu. The biodistribution studies with then carried out.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 73 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:349132 CAPLUS

DN **132:330878**

TI Combinations of herbicides and safeners.

IN Ziemer, Frank; Willms, Lothar; Bieringer, Hermann; Hacker, Erwin

PA Aventis Cropscience G.m.b.H., Germany

SO Ger. Offen., 28 pp.

CODEN: GWXXBX

DT Patent

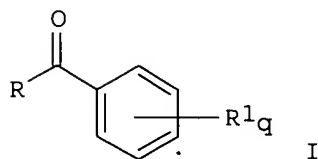
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19853827	A1	20000525	DE 1998-19853827	19981121
	WO 2000030447	A1	20000602	WO 1999-EP8470	19991105
	W: AE, AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CR, CU, CZ, DM, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI,				

BR 9915516	A	20010717	DE 1998-19853827A 19981121 BR 1999-15516 19991105 DE 1998-19853827A 19981121 WO 1999-EP8470 W 19991105 EP 1999-972493 19991105
EP 1130965	A1	20010912	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
JP 2002530301	T2	20020917	DE 1998-19853827A 19981121 WO 1999-EP8470 W 19991105 JP 2000-583345 19991105 DE 1998-19853827A 19981121 WO 1999-EP8470 W 19991105
BG 105474	A	20011130	BG 2001-105474 20010425 DE 1998-19853827A 19981121 WO 1999-EP8470 W 19991105

OS MARPAT 132:330878
GI



AB Safened herbicidal compns. are described contg. at least one herbicide ad one antidote. The herbicide is a benzoyl deriv. I [R = isoxazol-4-yl, pyrazol-4-yl, cyclohexan-1,3-dion-2-yl or 3-oxopropionitril-2-yl; R1 = (un)substituted nitro, amino, halo, etc., q = 0, 1-4]. The antidote is e.g. 2,4-D, cyometrinil, dicamba, dymron, fenclorim, flurazole, fluxofenim, lactidichlor, MCPA, mecoprop, MG-191, oxabetrinil, Me diphenylmethoxyacetate, 1-[4-(N-2-methoxybenzoylsulfamoyl)phenyl]-3-methylurea, 1,8-naphthalic anhydride, 1-[4-(N-2-methoxybenzoylsulfamoyl)phenyl]-3,3-dimethylurea, 1-[4-(4,5-dimethylbenzoylsulfamoyl)phenyl]-3-methylurea, 1-[4-(N-naphthoylsulfamoyl)phenyl]-3,3-dimethylurea, (4-chlorphenoxy)acetic acid, 4-(2,4-dichlorophenoxy)butyric acid, 4-(4-chloro-o-tolyloxy)butyric acid, 4-(4-chlorophenoxy)butyric acid, free, esterified, or salts, N-acylsulfonamides, N-acylsulfamoylbenzoic acid amides as well as substituted 1-phenylpyrazoline, 1-phenylpyrazole, 1-phenyltriazole, 5-phenylisoxazoline, 5-phenylmethyloxazolin-3-carboxylic acid and 2-(8-quinolinyloxy)acetic acid derivs.

IN De Corte, Bart; De Jonge, Marc Rene; Heeres, Jan; Ho, Chih Yung; Janssen, Paul Adriaan Jan; Kavash, Robert W.; Koymans, Lucien Maria Henricus; Kukla, Michael Joseph; Ludovici, Donald William; Van Aken, Koen Jeanne

Alfons

PA Janssen Pharmaceutica N.V., Belg.; et al.

SO PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DT Patent

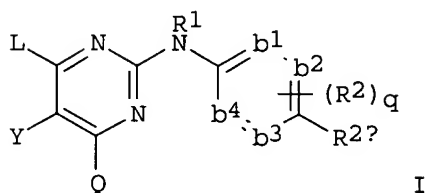
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000027825	A1	20000518	WO 1999-EP7417	19990924
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
AU 9962008	A1	20000529	AU 1999-62008	19990924
AU 762523	B2	20030626		
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
BR 9915552	A	20010814	BR 1999-15552	19990924
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
EE 200100252	A	20021015	EE 2001-252	19990924
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
EP 1002795	A1	20000524	EP 1999-203590	19991101
EP 1002795	B1	20030305		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
EP 1270560	A1	20030102	EP 2002-18455	19991101
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			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
			EP 1999-203590 A3	19991101
AT 233740	E	20030315	AT 1999-203590	19991101
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
US 2003114472	A1	20030619	US 1999-430966	19991101
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 A	19990924
HR 2001000161	A1	20020228	HR 2001-161	20010307
			US 1998-107792PP	19981110

			US 1999-143962PP 19990715
			WO 1999-EP7417 W 19990924
NO 2001001696	A	20010404	NO 2001-1696 20010404
			US 1998-107792PP 19981110
			US 1999-143962PP 19990715
			WO 1999-EP7417 W 19990924
BG 105418	A	20011130	BG 2001-105418 20010406
			US 1998-107792PP 19981110
			US 1999-143962PP 19990715
			WO 1999-EP7417 A 19990924

OS MARPAT 132:347578
GI



AB Title compds. [I; b1:b2CR2a:b3b4 = CH:CHCR2a:CHCH, N:CHCR2a:CHCH, CH:NCR2a:CHCH, N:NCR2a:CHCH, CH:NCR2a:NCH, etc.; q = 0-4; R1 = H, aryl, CHO, formylalkyl, alkylcarbonyl alkyl, alkoxycarbonyl, etc.; R2a = cyano, aminocarbonyl, cyanoalkyl, cyanoalkenyl, cyanoalkynyl, etc.; R2 = OH, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, alkoxy, etc.; L = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, XR3; R3 = (substituted) Ph, pyridyl, pyrimidinyl, pyrazinyl, pyridazinyl; X = NR1, NHNH, N:N, O, CO, S, SO, SO2, CHOH; Q = H, alkyl, halo, polyhaloalkyl, amino; Y = OH, halo, cycloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, substituted alkyl, etc.], were prep'd. Thus, 5-bromo-4-chloro-N-(2,4,6-trimethylphenyl)-2-pyrimidineamine (prepn. given) was treated with HCl in Et2O followed by solvent evapn.; 4-aminobenzonitrile and 1,4-dioxane were added and the mixt. was refluxed 4 days to give 4-[[5-chloro-2-[(2,4,6-trimethylphenyl)amino]-4-pyrimidinyl]amino]benzonitrile. The latter inhibited HIV-1 infection of MT-4 cells with IC50 = 0.004 .mu.M.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 75 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:277989 CAPLUS

DN 132:313703

TI Heterocyclic condensed ring compounds in treatment and/or prevention of conditions mediated by peroxisome proliferator-activated receptors.

IN Jeppesen, Lone; Bury, Paul Stanley; Sauerberg, Per

PA Novo Nordisk A/S, Den.; Reddy's Research Foundation

SO PCT Int. Appl., 59 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000023451	A1	20000427	WO 1999-DK573	19991019
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CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

DK 1998-1354 A 19981021
AU 9963257 A1 20000508 AU 1999-63257 19991019
DK 1998-1354 A 19981021
WO 1999-DK573 W 19991019
EP 1123297 A1 20010816 EP 1999-950503 19991019
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
DK 1998-1354 A 19981021
WO 1999-DK573 W 19991019
US 6365586 B1 20020402 US 1999-420347 19991019
DK 1998-1354 A 19981021
US 1998-105913PP 19981021
JP 2002527520 T2 20020827 JP 2000-577177 19991019
DK 1998-1354 A 19981021
WO 1999-DK573 W 19991019
US 2002055502 A1 20020509 US 2001-994986 20011127
DK 1998-1354 A 19981021
US 1998-105913PP 19981028
US 1999-420347 A319991019
US 2002061876 A1 20020523 US 2001-995177 20011127
DK 1998-1354 A 19981021
US 1998-105913PP 19981028
US 1999-420347 A319991019
US 2002061880 A1 20020523 US 2001-995324 20011127
DK 1998-1354 A 19981021
US 1998-105913PP 19981028
US 1999-420347 A319991019
US 2002065267 A1 20020530 US 2001-994971 20011127
DK 1998-1354 A 19981021
US 1998-105913PP 19981028
US 1999-420347 A319991019
US 2002065268 A1 20020530 US 2001-995137 20011127
DK 1998-1354 A 19981021
US 1998-105913PP 19981028
US 1999-420347 A319991019

OS MARPAT 132:313703

AB Heterocyclic arom. compds. such as 3-[4-[2-(8,9-dihydro-3,5-dithia-4-azacyclopenta{f}azulen-4-yl)ethoxy]phenyl]-2-ethoxypropionic acid are useful in the treatment and/or prevention of conditions mediated by nuclear receptors, in particular the Peroxisome Proliferator-Activated Receptors (PPAR).

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 76 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:205644 CAPLUS

DN 132:237105

TI Preparation of 2-[(alpha-substituted)alkylthio(and alkoxy)]pyrimidines as inhibitors of viral reverse transcriptase

IN Nugent, Richard A.; Schlachter, Stephen T.; Murphy, Michael J.; Morris,

Joel; Thomas, Richard C.; Wishka, Donn G.; Cleek, Gary J.; Graber, David R.

PA Pharmacia & Upjohn Company, USA

SO U.S., 97 pp., Cont.-in-part of U.S. Ser. No. 436,708, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6043248	A	20000328	US 1997-945153	19971017
			US 1995-436708 B2	19950508
			WO 1996-US6119 W	19960503
WO 9635678	A1	19961114	WO 1996-US6119	19960503
W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK			
RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR			
			US 1995-436708 A2	19950508

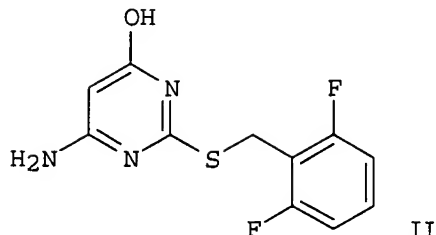
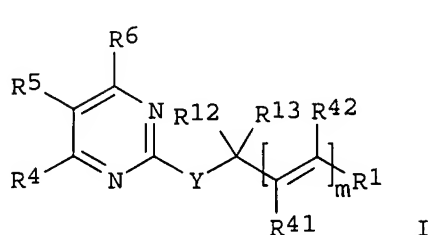
PATENT FAMILY INFORMATION:

FAN 1997:41865

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9635678	A1	19961114	WO 1996-US6119	19960503
W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK			
RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR			
			US 1995-436708 A2	19950508
ZA 9603281	A	19971024	ZA 1996-3281	19960424
			US 1995-436708 A	19950508
CA 2216099	AA	19961114	CA 1996-2216099	19960503
			US 1995-436708 A	19950508
AU 9656353	A1	19961129	AU 1996-56353	19960503
AU 712404	B2	19991104		
			US 1995-436708 A	19950508
			WO 1996-US6119 W	19960503
EP 824524	A1	19980225	EP 1996-913306	19960503
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI			
			US 1995-436708 A	19950508
			WO 1996-US6119 W	19960503
CN 1183773	A	19980603	CN 1996-193791	19960503
			US 1995-436708 A	19950508
BR 9608265	A	19990202	BR 1996-8265	19960503
			US 1995-436708 A	19950508
			WO 1996-US6119 W	19960503
JP 11507017	T2	19990622	JP 1996-534120	19960503
			US 1995-436708 A	19950508
			WO 1996-US6119 W	19960503
RU 2167155	C2	20010520	RU 1997-120116	19960503
			US 1995-436708 A	19950508
			WO 1996-US6119 W	19960503
TW 450962	B	20010821	TW 1996-85105432	19960507

US 6043248	A	20000328	US 1995-436708 A 19950508
			US 1997-945153 19971017
			US 1995-436708 B2 19950508
NO 9705129	A	19980107	WO 1996-US6119 W 19960503
			NO 1997-5129 19971107
			US 1995-436708 A 19950508
			WO 1996-US6119 W 19960503

OS MARPAT 132:237105
GI



AB The title compds. [I; m = 0-1; R1 = C.tplbond.CH, CO2R53, CONR54R55, etc.; R53 = H, alkyl, cycloalkyl, etc.; R54, R55 = H, alkyl, allyl, etc.; R41, R42 = H, alkyl, etc.; R12 = H, alkyl, cycloalkyl, etc.; R13 = H, alkyl, CF3; Y = S, SO, SO2, O; R4 = H, OH, halo, etc.; R5 = H, C2H4OH, halo, etc.; R6 = H, OH, halo, etc.], useful in the treatment of individuals who are HIV pos., were prepd. Thus, treatment of 4-amino-6-hydroxy-2-mercaptopyrimidine in 50% EtOH with solid NaOH followed by addn. of 2,6-difluorobenzyl bromide afforded the title compd. II. Biol. data for compds. I were given.

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 77 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:190760 CAPLUS

DN 132:222437

TI Method for the radical alkylation of arenes

IN Murphy, John; Graham, Stephen

PA Merck Patent G.m.b.H., Germany

SO Eur. Pat. Appl., 27 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 987235	A1	20000322	EP 1999-116091	19990817
	EP 987235	B1	20030312		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

EP 1998-115971 A 19980825

OS CASREACT 132:222437; MARPAT 132:222437

AB The title process comprises a method for the conversion of alkenes or arenes with iodoalkenes, aryl iodides or arenediazonium salts in the presence of hypophosphorous acid or its derivs. and a radical initiator. Thus, O-allyl-3,5-diiodosalicylic acid was refluxed with H3PO2/AIBN/H2O to give 3-methyl-2,3-dihydrobezofuran-7-carboxylic acid.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

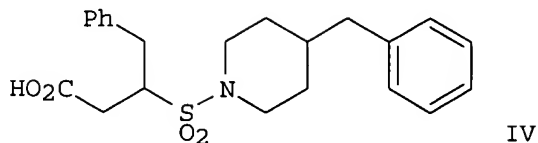
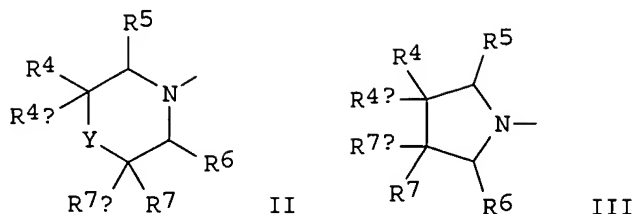
L7 ANSWER 78 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:161257 CAPLUS
DN **132:194294**
TI Preparation of hydroxamic acid derivatives as proteinase inhibitors
IN Martin, Fiona Mitchell
PA British Biotech Pharmaceuticals Limited, UK
SO PCT Int. Appl., 41 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000012477	A1	20000309	WO 1999-GB2826	19990827
W: AU, BR, CA, CN, CZ, GB, HU, IL, JP, KR, MX, NO, NZ, PL, RU, SG, SK, TR, US, ZA				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9956349	A1	20000321	GB 1998-18830	A 19980829
			GB 1998-28525	A 19981223
			AU 1999-56349	19990827
			GB 1998-18830	A 19980829
			GB 1998-28525	A 19981223
			WO 1999-GB2826	W 19990827
EP 1107953	A1	20010620	EP 1999-943064	19990827
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			GB 1998-18830	A 19980829
			GB 1998-28525	A 19981223
			WO 1999-GB2826	W 19990827
JP 2002523492	T2	20020730	JP 2000-567510	19990827
			GB 1998-18830	A 19980829
			GB 1998-28525	A 19981223
			WO 1999-GB2826	W 19990827
US 6479502	B1	20021112	US 2001-763424	20010221
			GB 1998-18830	A 19980829
			GB 1998-28525	A 19981223
			WO 1999-GB2826	W 19990827
US 2003050310	A1	20030313	US 2002-242739	20020912
			GB 1998-18830	A 19980829
			GB 1998-28525	A 19981223
			US 2001-763424	A320010221

OS MARPAT 132:194294
GI



AB The title compds. WSO₂CHR₁CHR₂X [I; X = CO₂H, CONHOH; R₂ = R₃(ALK)_m(Q)_p(ALK)_n (wherein R₃ = H, (un)substituted cycloalkyl, cycloalkenyl, etc.; ALK = (un)substituted divalent alkylene; Q = O, S, SO, etc.; m, n, p = 0-1); R₁ = R₂, except that R₁ is not H; W = II, III (wherein Y = O, S, SO, etc., and R₄-R₇ = R₂, and R_{4a}, R_{7a} = H, alkyl; R₄, R_{4a} and R₅ taken together with the carbon atoms to which they are attached form (un)substituted benzene or pyridine ring fused to cyclic amine ring, and R_{7a} = H, alkyl, and R₆ and R₇ = R₂; etc.)], useful in treating diseases resulting from over prodn. of, or over responsiveness to, MMPs (no data), were prepd. E.g., a multi-step synthesis of the title compd. IV was given.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 79 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:133645 CAPLUS

DN **132:180173**

TI Stereoselective ring opening reactions

IN Jacobsen, Eric N.; Tokunaga, Makoto; Larrow, Jay F.

PA President and Fellows of Harvard College, USA

SO PCT Int. Appl., 152 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000009463	A1	20000224	WO 1999-US18305	19990813
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 6262278	B1	20010717	US 1998-134393 A	19980814
			US 1998-134393	19980814
			US 1995-403374 A2	19950314
			US 1996-622549 A2	19960325
CA 2339618	AA	20000224	CA 1999-2339618	19990813
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813

AU 9956732	A1	20000306	AU 1999-56732	19990813
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
EP 1104395	A1	20010606	EP 1999-943685	19990813
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
JP 2002522515	T2	20020723	JP 2000-564918	19990813
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813

PATENT FAMILY INFORMATION:

FAN 1996:672656

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628402	A1	19960919	WO 1996-US3493	19960314
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML				
	US 5665890	A	19970909	US 1995-403374 A	19950314
	CA 2213007	AA	19960919	CA 1996-2213007	19960314
				US 1995-403374 A	19950314
	AU 9653639	A1	19961002	AU 1996-53639	19960314
	AU 708622	B2	19990805		
				US 1995-403374 A	19950314
				WO 1996-US3493 W	19960314
	EP 817765	A1	19980114	EP 1996-910448	19960314
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1995-403374 A	19950314
				WO 1996-US3493 W	19960314
	JP 11502198	T2	19990223	JP 1996-527817	19960314
				US 1995-403374 A	19950314
				WO 1996-US3493 W	19960314
	PL 184857	B1	20030131	PL 1996-327632	19960314
				US 1995-403374 A	19950314
				WO 1996-US3493 W	19960314
	NO 9704234	A	19971113	NO 1997-4234	19970912
				US 1995-403374 A	19950314
				WO 1996-US3493 W	19960314

FAN 1999:468087

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5929232	A	19990727	US 1996-622549	19960325
				US 1995-403374 A2	19950314
	US 5665890	A	19970909	US 1995-403374	19950314
	CA 2213007	AA	19960919	CA 1996-2213007	19960314
				US 1995-403374 A	19950314
	US 6262278	B1	20010717	US 1998-134393	19980814
				US 1995-403374 A2	19950314
				US 1996-622549 A2	19960325
	US 2002032338	A1	20020314	US 2001-899516	20010705
	US 6448414	B2	20020910		
				US 1995-403374 A2	19950314

				US 1996-622549 A219960325
				US 1998-134393 A119980814
	US 2003139614	A1	20030724	US 2002-206143 20020726
				US 1995-403374 A219950314
				US 1996-622549 A219960325
				US 1998-134393 A119980814
				US 2001-899516 A120010705
FAN	2001:521942			
	PATENT NO.	KIND	DATE	APPLICATION NO. DATE
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PI	US 6262278	B1	20010717	US 1998-134393 19980814
				US 1995-403374 A219950314
				US 1996-622549 A219960325
	US 5665890	A	19970909	US 1995-403374 19950314
	US 5929232	A	19990727	US 1996-622549 19960325
				US 1995-403374 A219950314
	CA 2339618	AA	20000224	CA 1999-2339618 19990813
				US 1998-134393 A 19980814
				WO 1999-US18305W 19990813
	WO 2000009463	A1	20000224	WO 1999-US18305 19990813
	W: AU, CA, JP, US			
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
				US 1998-134393 A 19980814
	AU 9956732	A1	20000306	AU 1999-56732 19990813
				US 1998-134393 A 19980814
				WO 1999-US18305W 19990813
	EP 1104395	A1	20010606	EP 1999-943685 19990813
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
				US 1998-134393 A 19980814
				WO 1999-US18305W 19990813
	JP 2002522515	T2	20020723	JP 2000-564918 19990813
				US 1998-134393 A 19980814
				WO 1999-US18305W 19990813
	US 2002032338	A1	20020314	US 2001-899516 20010705
	US 6448414	B2	20020910	
				US 1995-403374 A219950314
				US 1996-622549 A219960325
				US 1998-134393 A119980814
	US 2003139614	A1	20030724	US 2002-206143 20020726
				US 1995-403374 A219950314
				US 1996-622549 A219960325
				US 1998-134393 A119980814
				US 2001-899516 A120010705
OS	CASREACT 132:180173; MARPAT 132:180173			
AB	The title process for stereoselective or regioselective chem. synthesis comprises reacting a nucleophile, selected from the group consisting of water, alcs., carboxylic acids, and thiols, and a racemic or diastereomeric mixt. of a cyclic substrate in the presence of a non-racemic chiral catalyst to effect a kinetic resolu. of the cyclic substrate. The present invention also relates to hydrolytic kinetic resolu. of racemic and diastereomeric mixts. of epoxides. Thus, epichlorohydrin (I) was maintained 24h at 4.degree. in THF contg. 0.50 equiv. H2O and a catalyst comprising (R,R)-[1,2-bis(3,5-di-tert-butylsalicylideneamino)cyclohexane]chromium(III) chloride treated with HOAc to give 44% (S)-I of 96% ee and 50% (R)-ClCH2CH(OH)CH2OH of 96% ee.			
RE.CNT	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD		

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 80 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:98533 CAPLUS
 DN **132:122631**
 TI Preparation of substituted quinazoline derivatives
 IN Gletsos, Constantine
 PA American Home Products Corporation, USA
 SO PCT Int. Appl., 23 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006555	A1	20000210	WO 1999-US17035	19990728
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG US 1998-126292 A 19980730 CA 2336802 AA 20000210 CA 1999-2336802 19990728 US 1998-126292 A 19980730 WO 1999-US17035W 19990728 AU 9953910 A1 20000221 AU 1999-53910 19990728 US 1998-126292 A 19980730 WO 1999-US17035W 19990728 BR 9912575 A 20010502 BR 1999-12575 19990728 US 1998-126292 A 19980730 WO 1999-US17035W 19990728 EP 1100788 A1 20010523 EP 1999-939658 19990728 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO US 1998-126292 A 19980730 WO 1999-US17035W 19990728 JP 2002521476 T2 20020716 JP 2000-562358 19990728 US 1998-126292 A 19980730 WO 1999-US17035W 19990728				
OS CASREACT 132:122631; MARPAT 132:122631				
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. [I; X = substituted Ph; R, R1 = H, halo, alkyl, etc.; R2 = H, alkyl, alkoxy, etc.; Y = II, III (wherein R3 = H, alkyl, CO2H, etc.; n = 2-4)], useful as antineoplastic agents (no data), were prepd. by acylating aniline IV with an acid halide or mixed anhydride V or VI (wherein Z = OR4, SR4, halo, etc.; R4 = alkyl, cycloalkyl, Ph; L = Cl, Br, OCOR6; R6 = alkyl, cycloalkyl, Ph) followed by reacting the acetylated compd. with H2NX, and treating the resulting intermediate with a mild base

or Lewis acid.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 81 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:65473 CAPLUS

DN 132:107948

TI Preparation of fused thiazolidinimines as appetite suppressants and antidiabetics.

IN Jaehne, Gerhard; Geisen, Karl; Lang, Hans Jochen

PA Hoechst Marion Roussel Deutschland G.m.b.H, Germany

SO Ger. Offen., 44 pp.

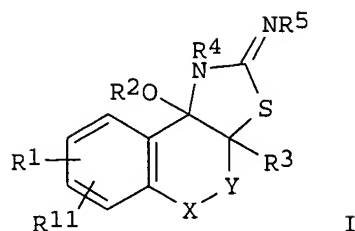
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19831878	A1	20000127	DE 1998-19831878	19980717
	DE 19831878	C2	20010517		
	CA 2337838	AA	20000127	CA 1999-2337838	19990703
				DE 1998-19831878A	19980717
				WO 1999-EP4644 W	19990703
WO	2000004006	A1	20000127	WO 1999-EP4644	19990703
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				DE 1998-19831878A	19980717
AU	9950308	A1	20000207	AU 1999-50308	19990703
				DE 1998-19831878A	19980717
				WO 1999-EP4644 W	19990703
BR	9912151	A	20010410	BR 1999-12151	19990703
				DE 1998-19831878A	19980717
				WO 1999-EP4644 W	19990703
EP	1098891	A1	20010516	EP 1999-934568	19990703
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				DE 1998-19831878A	19980717
				WO 1999-EP4644 W	19990703
JP	2002520404	T2	20020709	JP 2000-560113	19990703
				DE 1998-19831878A	19980717
				WO 1999-EP4644 W	19990703
US	6159996	A	20001212	US 1999-351621	19990712
				DE 1998-19831878A	19980717
NO	2001000219	A	20010315	NO 2001-219	20010112
				DE 1998-19831878A	19980717
				WO 1999-EP4644 W	19990703
OS	MARPAT 132:107948				
GI					



AB Title compds. [I; e.g., Y = bond, CH₂, CH₂CH₂; X = CH₂, CHMe, CH₂Et, CH₂Pr; R₁ = cyano, CO₂H, alkoxycarbonyl, CONH₂, alkyl, alkenyl, etc.; R₂ = H, alkyl, cycloalkyl, (substituted) phenyl(alkyl), thienyl(alkyl), pyridyl(alkyl), etc.; R₃ = H, alkyl, F, cyano, N₃, alkoxy, (substituted) phenyl(alkyl), thienyl(alkyl), pyridyl(alkyl), etc.; R₄ = alkyl, cycloalkyl, (substituted) phenyl(alkyl), thienyl(alkyl), pyridyl(alkyl), etc.; R₅ = alkyl, cycloalkyl, (substituted) phenyl(alkyl), thienyl(alkyl), pyridyl(alkyl), furyl(alkyl); R₄R₅ = CH₂CH₂, CH₂CMe₂, (CH₂)₃, (CH₂)₄; R₁₁ = H, F, Cl, Br, iodo, Me, CF₃, alkoxy, NO₂, SO₂Me, etc.], were prepd. Thus, 2-bromo-5-(2,2,3,3,4,4,4-heptafluorobutoxy)-1-indanone reacted with N,N'-dimethylthiourea in EtOAc to give 5-(2,2,3,3,4,4,4-heptafluorobutoxy)-3-methyl-2-methylimino-2,3,8,8a-tetrahydroindeno[1,2-d]thiazol-3a-ol. The latter at 50 mg/kg orally gave 98% inhibition in milk consumption by mice.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 82 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:819368 CAPLUS

DN **132:64182**

TI Preparation of di- and tetrahydroquinolinylindoles and related compounds as antibacterials.

IN Cuny, Gregory D.; Hauske, James R.; Hoemann, Michael Z.; Rossi, Richard F.; Xie, Roger Leijie

PA Sepracor, Inc., USA

SO PCT Int. Appl., 130 pp.

CODEN: PIXXD2

DT Patent

LA English

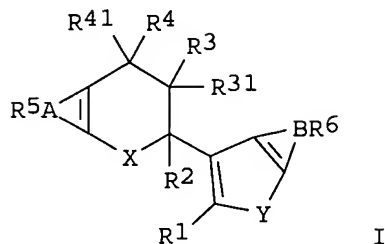
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9967238	A2	19991229	WO 1999-US14277	19990625
	WO 9967238	A3	20030417		
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				US 1998-90624P P	19980625
	AU 9945835	A1	20000110	AU 1999-45835	19990625
				US 1998-90624P P	19980625
				WO 1999-US14277W	19990625
	US 6180640	B1	20010130	US 1999-344619	19990625

US 1998-90624P P 19980625

OS MARPAT 132:64182

GI



AB Title compds. [I; A, B = atoms to form (substituted) mono- or polycyclic cycloalkyl, cycloalkenyl, aryl, heteroaryl, heterocyclyl; X, Y = CR₂, NR, O, PR, S, AsR, Se; R, R₁, R₂, R₃, R₃₁, R₄, R₄₁ = H, halo, alkyl, alkenyl, alkynyl, OH, alkoxy, silyloxy, amino, NO₂, SH, alkylthio, amide, phosphonate, acetal, aryl, heteroaryl, N₃, carbamate, hydroxamate, sulfonamide, thiocarbamate, guanidino, amidino, etc.; R₅, R₆ = halo, alkyl, alkenyl, alkynyl, OH, alkoxy, silyloxy, amino, SH, alkylthio, imine, amide, phosphoryl, phosphonate, carbonyl, CO₂H, carboxamide, ketone, aldehyde, cyano, carbamate, etc.], were prepd. Thus, 4-(3-piperidinyl)propargylaniline (prepn. given), N-Teoc-5-bromoindole-3-carboxaldehyde, and cat. TsOH were refluxed in C₆H₆ to give a residue which was stirred with 2,3-dihydrofuran and ytterbium triflate in MeCN to give 45% 8-[3-(N-piperidinyl)propargyl]-2,3,3a,4,5,9b-hexahydro-4-(5-bromo-3-cis,trans-N-Teoc-indolyl)furo[2,3-c]quinoline. This was stirred with TBAF in THF followed by chromatog. to give 78% 45% 8-[3-(N-piperidinyl)propargyl]-2,3,3a,4,5,9b-hexahydro-4-(5-bromo-3-cis-indolyl)furo[2,3-c]quinoline. The latter at 2% in pig wounds inoculated with staphylococcus aureus showed log CFU/mL = 5.92 after 24 h, vs. 6.54 for untreated controls.

L7 ANSWER 83 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:794168 CAPLUS

DN **132:51265**

TI Metal complex for ink jet ink

IN Evans, Steven; Weber, Helmut

PA Eastman Kodak Co., USA

SO U.S., 9 pp.

CODEN: USXXAM

DT Patent

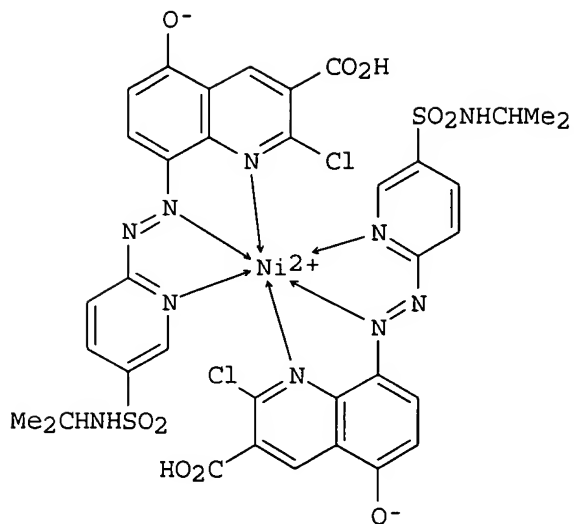
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6001161	A	19991214	US 1998-203254	19981201
	EP 1006157	A1	20000607	EP 1999-203891	19991119
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2000160079	A2	20000613	US 1998-203254 A	19981201
				JP 1999-337188	19991129
				US 1998-203254 A	19981201

OS MARPAT 132:51265

GI



AB An ink jet ink compn. comprises water, a humectant, and a polyvalent transition metal complex of 8-heterocyclazolo-5-hydroxyquinoline such as I. This compn. provides magenta images with good light stability and bright magenta hue.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 84 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:784103 CAPLUS

DN **132:22956**

TI Preparation of thienopyrimidinecarboxamides and analogs as cell adhesion-inhibiting antiinflammatory compounds

IN Stewart, Andrew O.; Boyd, Steven A.; Arendsen, David L.; Bhatia, Pramila; Condroski, Kevin R.; Freeman, Jennifer C.; Gunawardana, Indrani W.; Zhu, Gui-Dong; Lartey, Kraig; McCarty, Catherine M.; Mort, Nicholas A.; Patel, Meena V.; Staeger, Michael A.; Stout, David M.

PA Abbott Laboratories, USA

SO PCT Int. Appl., 282 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9962908	A2	19991209	WO 1999-US12419	19990603
	WO 9962908	A3	20000330		

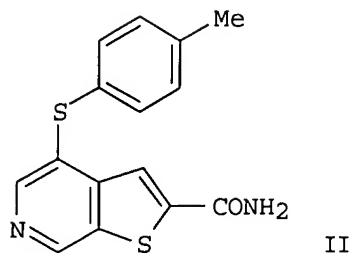
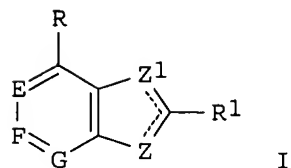
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

			US 1998-90701 A 19980604
CA 2333770	AA	19991209	CA 1999-2333770 19990603
			US 1998-90701 A 19980604
			WO 1999-US12419W 19990603
AU 9942312	A1	19991220	AU 1999-42312 19990603
			US 1998-90701 A 19980604
			WO 1999-US12419W 19990603
EP 1090009	A2	20010411	EP 1999-926157 19990603
			R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO
			US 1998-90701 A 19980604
			WO 1999-US12419W 19990603
BR 9910864	A	20020205	BR 1999-10864 19990603
			US 1998-90701 A 19980604
			WO 1999-US12419W 19990603
JP 2002517396	T2	20020618	JP 2000-552119 19990603
			US 1998-90701 A 19980604
			WO 1999-US12419W 19990603
NO 2000006157	A	20010202	NO 2000-6157 20001204
			US 1998-90701 A 19980604
			WO 1999-US12419W 19990603
BG 105109	A	20011130	BG 2001-105109 20010103
			US 1998-90701 A 19980604
			WO 1999-US12419W 19990603

OS MARPAT 132:22956

GI



AB Title compds. [I; EF:G = (un)substituted NCH:CH, -CHN:CH, -NCH:N, etc.; R = Z1R2; R1 = Z3R3; R2 = H, halo, alkyl, alkoxy, aryl, etc.; R3 = H, alkyl, alkoxy, aryl, CONH2, etc.; Z, Z1 = (un)substituted CH, -CH2, -NH, N, O, SOO-2; Z2,Z3 = bond, O, S, (alkyl)imino, CO, etc.; dashed lines = optional position of optional addnl. bond], inhibitors of e-selectin and ICAM-1 expression, were prepd. Thus, 3,5-dichloropyridine was carbonylated and the product thioetherified by 4-MeC6H4SH to give 3-(4-methylphenylthio)-5-chloro-4-pyridinecarboxaldehyde which was cyclocondensed with HSCH2CO2Me to give, in 2 addnl. steps, title compd. II. Data for biol. activity of I were given.

L7 ANSWER 85 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:779071 CAPLUS

DN **132:23854**
TI Ink jet printing with azo dye metal complex
IN Weber, Helmut; Evans, Steven
PA Eastman Kodak Company, USA
SO U.S., 9 pp.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5997622	A	19991207	US 1998-203258	19981201
	EP 1006159	A1	20000607	EP 1999-203893	19991119
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				US 1998-203258 A	19981201
	JP 2000160078	A2	20000613	JP 1999-337046	19991129
				US 1998-203258 A	19981201

OS MARPAT 132:23854

AB An ink jet printing method comprises the steps of: (A) providing an ink jet printer that is responsive to digital data signals; (B) loading the printer with ink-receptive substrates; (C) loading the printer with an ink jet ink compn. comprising a carrier and a polyvalent transition metal complex of an 8-(heterocyclylazo)-5-hydroxyquinoline; and (D) printing on an ink-receptive substrate using the ink jet ink in response to the digital data signals. The metal complex azo dyes have light stability comparable to that of prior-art dyes and superior color purity. An example for the prodn. of the Ni 1:2 complex of 5-hydroxy-2-methyl-8-(2-pyridylazo)-3-quinolinecarboxylic acid (λ_{max} 552 nm) was provided.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 86 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:722857 CAPLUS

DN **131:350871**

TI Chiral non-racemic catalysts containing Main-group metals and tridentate or tetradentate ligands for asymmetric nucleophilic addition reactions to π bonds

IN Jacobsen, Eric N.; Sigman, Matthew S.

PA President and Fellows of Harvard College, USA

SO PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9956699	A2	19991111	WO 1999-US9570	19990430
	WO 9956699	A3	20000518		
	W: CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				US 1998-71842 A	19980501
	US 6521561	B1	20030218	US 1998-71842	19980501
	CA 2329316	AA	19991111	CA 1999-2329316	19990430
				US 1998-71842 A	19980501
				WO 1999-US9570 W	19990430
	EP 1073613	A2	20010207	EP 1999-922765	19990430

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI

JP 2002513734

T2

20020514

US 1998-71842 A 19980501

WO 1999-US9570 W 19990430

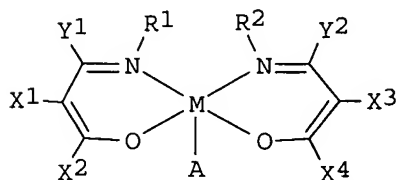
JP 2000-546729 19990430

US 1998-71842 A 19980501

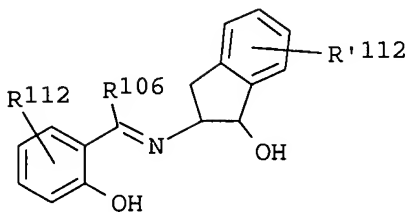
WO 1999-US9570 W 19990430

OS MARPAT 131:350871

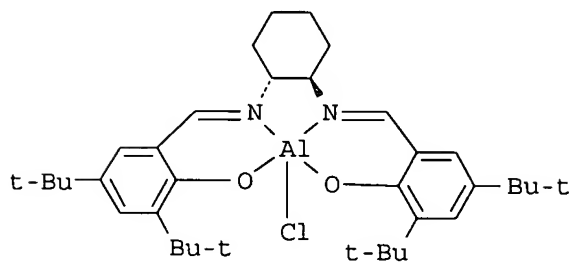
GI



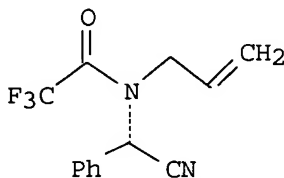
I



II



III



IV

AB The present invention relates to a method and catalysts for the stereoselective addn. of a nucleophile to a reactive .pi.-bond of a substrate. Claimed is a stereoselective nucleophilic addn. reaction of a .pi.-bond-contg. substrate with a nucleophile in the presence of a chiral, non-racemic catalyst to produce a stereoisomerically enriched addn. product. The substrate comprises a C-C or C-heteroatom .pi.-bond, and the nucleophile comprises at least one pair of Lewis basic electrons. The chiral, non-racemic catalysts of the invention constitute the first examples of catalysts for nucleophilic addns. that comprise a Main-group metal and a tri- or tetradentate ligand. One of a no. of preferred chiral non-racemic catalysts of the invention includes metallosalenates I (R1, R2, Y1, Y2, X1-X4 = H, halo, alkyl, alkenyl, alkynyl, OH, alkoxy, siloxy, amino, nitro, SH, amines, imines, amides, phosphonates, phosphines, carbonyls, carboxyls, silyls, ethers, thioethers, sulfonyls, selenoethers, ketones, aldehydes, esters, etc., or any two or more taken together form a 4-8 membered carbocycle or heterocycle which may be a fused ring, with a proviso that requires the .beta.-iminocarbonyls as tetradentate ligand). Other preferred chiral non-racemic catalysts of the invention include various metalloporphyrinates or porphyrin-like complexes, complexes of the tridentate chiral Schiff base ligand II (R106 = H, halo, alkyl, etc.; each

R112, R'112 is absent or represents one or more covalent substitutions of the heterocycle to which it is attached), or complexes of various tetradentate azamacrocycles. Catalysts may contain a Main-group metal selected from Groups 1, 2, 12, 13, or 14 of the periodic table. The catalyst may be immobilized on an insol. matrix. The nucleophilic addn. reaction may be enantioselective, diastereoselective, or a diastereoselective reaction which is a kinetic resolu. The .pi.-bond-contg. substrate may include, e.g., aldehydes, conjugated enals, thioaldehydes, conjugated thioenals, selenoaldehydes, conjugated selenoenals, ketones, conjugated enones, thioketones, conjugated thioenones, selenoketones, conjugated selenoenones, imines, oximes, hydrazones, glyoxylates, pyruvates, conjugated enoates, .alpha.,.beta.-unsatd. amides, .alpha.,.beta.-unsatd. imides, lactones, thionolactones, thiolactones, dithiolactones, lactams, and thiolactams. The reacting nucleophiles may include conjugate bases of weak Bronsted acids, e.g., cyanide, azide, isocyanate, thiocyanate, alkoxide, thioalkoxide, carboxylate, thiocarboxylate, and carbanions. A highly enantioselective hydrocyanation reaction is achieved by this method. Treatment of N-allylbenzaldimine with HCN in the presence of chiral (salen)Al(III) complex III (toluene, -70.degree., 15 h) followed by workup with TFAA affords (S)-(+)-trifluoroacetamide IV in 91% yield, 95% ee. The asym. Strecker-type reaction catalyzed by III provides a straightforward entry into enantiomerically enriched .alpha.-amino acid derivs. Also claimed are chiral catalysts comprising a main-group metal atom or ion, and an asym. tetradentate or tridentate ligand wherein the catalyst catalyzes at least one asym. reaction. The asym. reactions may comprise epoxidn., aziridination, cycloaddn., sigmatropic rearrangement, addn. of nucleophiles to .pi. bonds, ring-opening reactions, hetero-Diels-Alder or hetero-ene reactions, Claisen rearrangements, carbonyl redns., and addn. of nucleophiles to carbonyl groups or to C:N .pi. bonds.

L7 ANSWER 87 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:699225 CAPLUS

DN **131:358314**

TI Dipyrromethene metal chelate compound and optical recording using same

IN Kato, Kenichi; Sasaki, Nobuaki; Kumagaya, Yojiro; Misawa, Nobuyoshi; Nishimoto, Taizo; Tsukahara, Hiroshi; Takuma, Keisuke

PA Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.

SO Jpn. Kokai Tokkyo Koho, 21 pp.

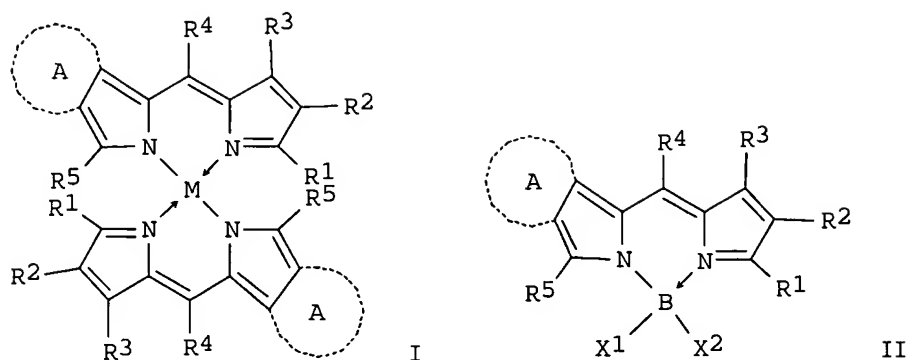
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 11302551	A2	19991102	JP 1998-113685	19980423
				JP 1998-113685	19980423
OS	MARPAT 131:358314				
GI					



AB The title dipyrromethene has a formula I (R1-5 = H, halo, nitrocyano, OH, amino, carboxyl, sulfonyl, C1-20 alkyl, halo alkyl, alkoxy alkyl, alkoxy, alkoxy alkoxy, aryloxy, dialkylamino alkoxy, alkylthio alkyl, alkylthio alkoxy, acyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkylamino carbonyl, arylcarbonyl amino, arylamino carbonyl, aryloxy carbonyl, aralkyl, aryl, arylsulfonyl, arylsulfonylthio, heteoaryl, heteoaryloxy, heteoarylthio, heteoarylsulfonyl, alkylthio, alkenyloxycarbonyl, aralkyloxy carbonyl, alkoxycarbonyl alkoxy carbonyl, alkylcarbonyl alkoxy carbonyl, hydroxyalkylamino carbonyl, di(hydroxyalkyl)amino carbonyl, alkoxyalkylamino carbonyl, di(alkoxyalkyl)amino carbonyl, C2-20 alkenyl; A = heterocyclyl, naphthalene). The dipyrromethene metal chelate compd. and optical recording using the chelate compd. are also claimed. The invention metal chelate compd. can provide write-once recording material with high-d. recording and good reading with laser of wavelength 520-690 nm.

L7 ANSWER 88 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:698116 CAPLUS

DN 131:344291

TI Preparation of dipyrromethene metal chelate compound as optical recording media

IN Sasaki, Hiroyuki; Sawano, Bunji; Kumagaya, Yojiro; Misawa, Tsutayoshi; Nishimoto, Taizo; Tsukahara, Hiroshi; Takuma, Keisuke

PA Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.

SO Jpn. Kokai Tokkyo Koho, 37 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11302253	A2	19991102	JP 1998-113686	19980423
				JP 1998-113686	19980423

OS MARPAT 131:344291

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title chelated compds. [I; M is metal; A is nitrogen contg. org. ligand; B

is nitrogen, oxygen, Sulfur contg. ligand] are prep'd. and tested as high d. regenerative optical recording media for 520-690 nm wave length laser. Thus, the title comp'd. II was prep'd.

L7 ANSWER 89 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:690954 CAPLUS

DN 131:307106

TI Use of vitamin PP compounds as cytoprotective agents in chemotherapy
IN Biedermann, Elfi; Hasmann, Max; Loser, Roland; Rattel, Benno; Reiter, Friedemann; Schein, Barbara; Schemainda, Isabel; Seibel, Klaus; Vogt, Klaus; Wosikowski, Katja

PA Klinge Pharma GmbH, Germany

SO PCT Int. Appl., 145 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9953920	A1	19991028	WO 1999-EP2686	19990421
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
DE 19818044	A1	19991028	DE 1998-19818044A	19980422
EP 1031564	A1	20000830	DE 1998-19818044	19980422
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		EP 1999-103814	19990226
AU 9939282	A1	19991108	DE 1998-19818044A	19980422
			AU 1999-39282	19990421
			DE 1998-19818044A	19980422
EP 1079832	A1	20010307	WO 1999-EP2686 W	19990421
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI		EP 1999-922119	19990421
JP 2002512190	T2	20020423	DE 1998-19818044A	19980422
			WO 1999-EP2686 W	19990421
			JP 2000-544324	19990421
			DE 1998-19818044A	19980422
WO 2000050399	A1	20000831	WO 1999-EP2686 W	19990421
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RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1154998	A1	20011121	EP 1999-103814 A	19990226
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,		EP 2000-907642	20000228

IE, SI, LT, LV, FI, RO

JP 2002537380 T2 20021105

US 2002160968 A1 20021031
US 6506572 B2 20030114EP 1999-103814 A 19990226
WO 2000-EP1628 W 20000228
JP 2000-600982 20000228
EP 1999-103814 A 19990226
WO 2000-EP1628 W 20000228
US 2001-935772 20010823EP 1999-103814 A 19990226
WO 2000-EP1628 A120000228

OS MARPAT 131:307106

AB The invention relates to the use of vitamin PP compds. and/or compds. with anti-pellagra activity such as for example nicotinic acid (niacin), and nicotinamide (niacin-amide, vitamin PP, vitamin B3) for the redn., elimination or prevention of side-effects of different degrees as well as for neutralization of acute side-effects in immunosuppressive or cancerostatic chemotherapy or diagnosis, esp. with substituted pyridine carboxamides, as well as combination medicaments with an amt. of compds. with vitamin B3 and/or anti-pellagra activity and chemotherapeutic agents are esp. considered in the mentioned chemotherapies and indications. Nicotinamide at 500 mg/kg twice daily protected mice treated i.p. with antitumor N-[4-(1-diphenylmethylpiperidin-4-yl)butyl]-3-(pyridin-3-yl)propionamide. There were no deaths in the nicotinamide-treated mice and the strong redn. of leukocytes was completely prevented.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 90 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:640847 CAPLUS

DN 131:257572

TI Preparation of benzoxazinones and -thiazinones as serine protease inhibitors

IN Berryman, Kent Alan; Downing, Dennis Michael; Dudley, Danette Andrea; Edmunds, Jeremy John; Narasimhan, Lakshmi Sourirajan; Rapundalo, Stephen Taras

PA Warner-Lambert Company, USA

SO PCT Int. Appl., 175 pp.

CODEN: PIXXD2

DT Patent

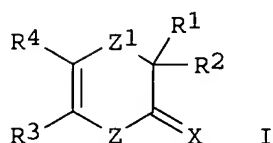
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9950257	A1	19991007	WO 1998-US26708	19981215
W:	AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2319551	AA	19991007	US 1998-80142P P	19980331
			CA 1998-2319551	19981215
			US 1998-80142P P	19980331
			WO 1998-US26708W	19981215
AU 9919183	A1	19991018	AU 1999-19183	19981215
			US 1998-80142P P	19980331
			WO 1998-US26708W	19981215

BR 9815784	A	20001121	BR 1998-15784	19981215
			US 1998-80142P P	19980331
			WO 1998-US26708W	19981215
EP 1068191	A1	20010117	EP 1998-963965	19981215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			US 1998-80142P P	19980331
			WO 1998-US26708W	19981215
JP 2002509925	T2	20020402	JP 2000-541161	19981215
			US 1998-80142P P	19980331
			WO 1998-US26708W	19981215
ZA 9902445	A	19991001	ZA 1999-2445	19990330
			US 1998-80142P P	19980331
US 6509335	B1	20030121	US 2000-622265	20000814
			US 1998-80142P P	19980331
			WO 1998-US26708W	19981215
NO 2000004698	A	20000920	NO 2000-4698	20000920
			US 1998-80142P P	19980331
			WO 1998-US26708W	19981215

OS MARPAT 131:257572
GI

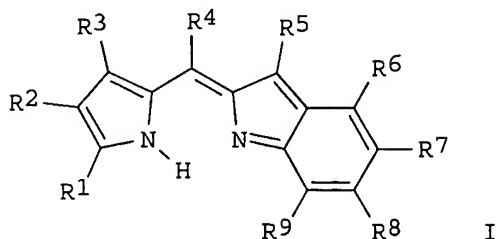


AB Title compds. [I; R1 = cycloalkyl(alkyl), heterocyclyl(alkyl), aryl(alkyl), etc.; R2 = H or alkyl; R3R4 = (un)substituted CH:CHCH:CH, -N:CHCH:CH, -CH:NCH:CH, etc.; X = O, S, NH; Z = Z2Z3R5; R5 = H, (un)substituted (heteroatom-interrupted) alkyl or -cycloalkyl(alkyl); Z1 = O, SO0-2, OCH2, SCH2, etc.; Z2 = bond or (heteroatom-interrupted) (cyclo)alkylene; Z3 = bond, (un)substituted heterocyclylene, -arylene] were prepd. Thus, 4-(MeO)C6H4CH2CO2Me was .alpha.-brominated and the product etherified by 2-(O2N)C6H4OH to give, after reductive cyclization, I [R1 = C6H4(OMe)-4, R2 = H, R3R4 = CH:CHCH:CH, X = Z1 = O] (II; Z = NH) which was N-alkylated by Br(CH2)Br and the product aminated by cis-2,6-dimethylpiperidine to give II [Z = N(CH2)5R5, R5 = cis-2,6-dimethyl-1-piperidiny]. Data for biol. activity of I were given.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 91 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:597025 CAPLUS
DN 131:250478
TI Benzopyrromethene metal complex for optical recording medium
IN Masaoka, Toshihiro; Terao, Hiroshi; Kumagaya, Yojiro; Misawa, Tsutayoshi; Nishimoto, Taizo; Tsukahara, Hiroshi; Takuma, Keisuke
PA Mitsui Chemicals Inc., Japan; Yamamoto Chemicals Inc.
SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11256056	A2	19990921	JP 1998-55390	19980306
				JP 1998-55390	19980306
OS	MARPAT 131:250478				
GI					



AB The Benzopyrromethene metal complex for optical recording medium is prepd. from Benzopyrromethene I (R1-9 = H, halo, nitro, cyano, etc.) and a metal deriv. such as zinc, copper, nickel deriv. The Benzopyrromethene metal complex provides an optical recording medium sensitive to 520-690 nm laser beam for high d. recording and reading out.

L7 ANSWER 92 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:594936 CAPLUS

DN 131:223495

TI Condensed heterocyclic compounds as antiinflammatory and immunomodulatory agents

IN Shannon, Patrick Vivian Richard; Eichholtz, Thomas; Linstead, David; Masdin, Philip; Skinner, Richard

PA University College Cardiff Consultants Limited, UK

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9945926	A1	19990916	WO 1999-GB580	19990225
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				GB 1998-4343	19980227
	AU 9926328	A1	19990927	AU 1999-26328	19990225
				GB 1998-4343	19980227
				WO 1999-GB580	19990225

OS MARPAT 131:223495

AB Condensed heterocyclic compds. (Markush included) are provided for use as an immunomodulatory or anti-inflammatory drug or for use in the treatment of a therapeutic indication in which inhibition of dehydroorate

dehydrogenase is beneficial.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 93 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:468087 CAPLUS
DN **131:129576**
TI Stereoselective epoxy ring opening reactions using chiral transition
metal-salen complexes
IN Jacobsen, Eric N.; Leighton, James L.; Martinez, Luis E.
PA President and Fellows of Harvard College, USA
SO U.S., 45 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5929232	A	19990727	US 1996-622549	19960325
				US 1995-403374 A219950314	
	US 5665890	A	19970909	US 1995-403374	19950314
	CA 2213007	AA	19960919	CA 1996-2213007	19960314
				US 1995-403374 A	19950314
	US 6262278	B1	20010717	US 1998-134393	19980814
				US 1995-403374 A219950314	
				US 1996-622549 A219960325	
	US 2002032338	A1	20020314	US 2001-899516	20010705
	US 6448414	B2	20020910		
				US 1995-403374 A219950314	
				US 1996-622549 A219960325	
				US 1998-134393 A119980814	
	US 2003139614	A1	20030724	US 2002-206143	20020726
				US 1995-403374 A219950314	
				US 1996-622549 A219960325	
				US 1998-134393 A119980814	
				US 2001-899516 A120010705	

PATENT FAMILY INFORMATION:

FAN 1996:672656

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628402	A1	19960919	WO 1996-US3493	19960314
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML				
				US 1995-403374 A	19950314
	US 5665890	A	19970909	US 1995-403374	19950314
	CA 2213007	AA	19960919	CA 1996-2213007	19960314
				US 1995-403374 A	19950314
	AU 9653639	A1	19961002	AU 1996-53639	19960314
	AU 708622	B2	19990805		
				US 1995-403374 A	19950314
				WO 1996-US3493 W	19960314
	EP 817765	A1	19980114	EP 1996-910448	19960314
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

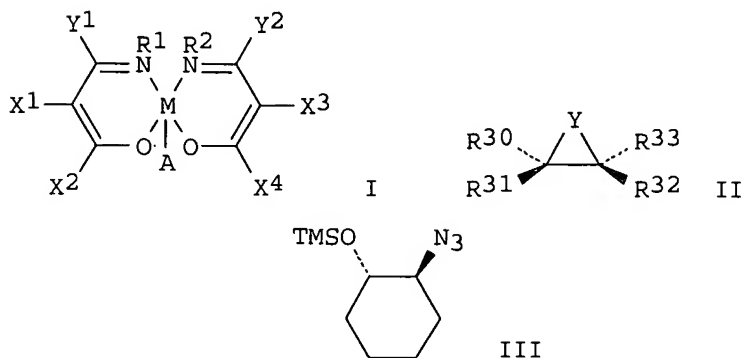
				US 1995-403374 A 19950314
				WO 1996-US3493 W 19960314
JP 11502198	T2	19990223		JP 1996-527817 19960314
				US 1995-403374 A 19950314
				WO 1996-US3493 W 19960314
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				US 1995-403374 A 19950314
				WO 1996-US3493 W 19960314
NO 9704234	A	19971113		NO 1997-4234 19970912
				US 1995-403374 A 19950314
				WO 1996-US3493 W 19960314
FAN 2000:133645				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2000009463	A1	20000224	WO 1999-US18305	19990813
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				US 1998-134393 A 19980814
US 6262278	B1	20010717		US 1998-134393 19980814
				US 1995-403374 A219950314
				US 1996-622549 A219960325
CA 2339618	AA	20000224	CA 1999-2339618	19990813
				US 1998-134393 A 19980814
				WO 1999-US18305W 19990813
AU 9956732	A1	20000306	AU 1999-56732	19990813
				US 1998-134393 A 19980814
				WO 1999-US18305W 19990813
EP 1104395	A1	20010606	EP 1999-943685	19990813
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1998-134393 A 19980814
				WO 1999-US18305W 19990813
JP 2002522515	T2	20020723	JP 2000-564918	19990813
				US 1998-134393 A 19980814
				WO 1999-US18305W 19990813
FAN 2001:521942				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 6262278	B1	20010717	US 1998-134393	19980814
				US 1995-403374 A219950314
				US 1996-622549 A219960325
US 5665890	A	19970909	US 1995-403374	19950314
US 5929232	A	19990727	US 1996-622549	19960325
				US 1995-403374 A219950314
CA 2339618	AA	20000224	CA 1999-2339618	19990813
				US 1998-134393 A 19980814
				WO 1999-US18305W 19990813
WO 2000009463	A1	20000224	WO 1999-US18305	19990813
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				US 1998-134393 A 19980814
AU 9956732	A1	20000306	AU 1999-56732	19990813
				US 1998-134393 A 19980814
				WO 1999-US18305W 19990813
EP 1104395	A1	20010606	EP 1999-943685	19990813
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, FI

JP 2002522515 T2 20020723

US 2002032338 A1 20020314
US 6448414 B2 20020910

US 2003139614 A1 20030724

US 1998-134393 A 19980814
WO 1999-US18305W 19990813
JP 2000-564918 19990813
US 1998-134393 A 19980814
WO 1999-US18305W 19990813
US 2001-899516 20010705US 1995-403374 A219950314
US 1996-622549 A219960325
US 1998-134393 A119980814
US 2002-206143 20020726
US 1995-403374 A219950314
US 1996-622549 A219960325
US 1998-134393 A119980814
US 2001-899516 A120010705OS CASREACT 131:129576; MARPAT 131:129576
GI

AB The present invention relates to a kinetic resolu. process for stereoselective or regioselective chem. synthesis which generally comprises reacting a nucleophile and a chiral or prochiral cyclic substrate in the presence of a non-racemic chiral catalyst to produce a stereoisomerically or regioselectively enriched product. Said chiral catalyst comprises an asym. tetradentate ligand complexed with a metal atom, which complex has a rectangular planar or rectangular pyramidal geometry, e.g. metal-salen complexes (I; R1, R2, Y1, Y2, X1, X2, X3, X4 = hydrogen, halogen, alkyl, alkenyl, alkynyl, hydroxyl, amino, nitro, thiol, amines, imines, amides, phosphoryls, phosphonates, phosphines, carbonyls, carboxyls, silyls, ethers, thioethers, sulfonyls, seleno ethers, ketones, aldehydes, esters, or (CH₂)_mR₇, or any two or more of the substituents taken together form a carbocycle or heterocycle ring having from 4 to 8 atoms in the ring structure; wherein R₇ = aryl, cycloalkyl, cycloalkenyl, heterocycle, polycycle; m = 0 or an integer in the range of 1 to 8; M = the late transition metal; A = a counterion or a nucleophile; provisos given). The substrates are epoxides, thioepoxides, aziridines, or cyclopropanes represented by general formula [II; Y = O, S, NR₅₀, C(R₅₂)(R₅₄), A-B-C; wherein R₅₀ = hydrogen, alkyl, carbonyl-substituted alkyl, carbonyl-substituted aryl, a sulfonate; R₅₂, R₅₄ = an electron-withdrawing group; A, C = absent, C1-5 alkyl, O, S, carbonyl, or NR₅₀; B = carbonyl, thiocarbonyl, phosphoryl, sulfonyl; R₃₀, R₃₁, R₃₂, R₃₃ = org. or inorg. substituent which form a covalent bond with the C1 or C2

carbon atoms of 1-8, and which permit formation of a stable ring structure including Y]. Thus, cyclohexene oxide was added to a mixt. of chromium-salen complex, (R,R)-[1,2-bis(3,5-di-tert-butylsalicylideneamino)cyclohexane]-chromium (III) chloride (prepn. given) (2 mol%), and Et₂O and stirred for 15 min, followed by adding Me₃SiN₃. The resulting brown soln. was stirred at room temp. for 28 h to give 80% 2-azidocyclohexanol (III) of 94% ee.

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 94 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:457919 CAPLUS
DN 131:116229
TI Preparation of thiazolecarboxamides as vitronectin receptor antagonists
IN Alig, Leo; Edenhofer, Albrecht; Hilpert, Kurt; Weller, Thomas
PA F. Hoffmann-La Roche AG, Switz.
SO Eur. Pat. Appl., 87 pp.
CODEN: EPXXDW

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 928790	A1	19990714	EP 1998-124670	19981224
	EP 928790	B1	20030305		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	US 6100282	A	20000808	EP 1998-100006 A	19980102
				US 1998-218567	19981222
				EP 1998-100006 A	19980102
	NZ 333590	A	20000526	NZ 1998-333590	19981224
				EP 1998-100006 A	19980102
	NZ 333591	A	20000526	NZ 1998-333591	19981224
				EP 1998-100006 A	19980102
	AT 233746	E	20030315	AT 1998-124670	19981224
				EP 1998-100006 A	19980102
	NO 9806159	A	19990705	NO 1998-6159	19981228
				EP 1998-100006 A	19980102
	ZA 9811925	A	20000629	ZA 1998-11925	19981229
				EP 1998-100006 A	19980102
	AU 9896144	A1	19990722	AU 1998-96144	19981230
	AU 720618	B2	20000608		
	SG 74686	A1	20000822	EP 1998-100006 A	19980102
				SG 1998-5978	19981230
				EP 1998-100006 A	19980102
	JP 2000053664	A2	20000222	JP 1999-10	19990104
	JP 3113237	B2	20001127		
				EP 1998-100006 A	19980102
	BR 9900006	A	20000411	BR 1999-6	19990104
				EP 1998-100006 A	19980102
	MX 9900215	A	20000630	MX 1999-215	19990104
				EP 1998-100006 A	19980102
	HK 1020953	A1	20020726	HK 1999-106136	19991228
				EP 1998-100006 A	19980102
	US 6320054	B1	20011120	US 2000-526033	20000315
				EP 1998-100006 A	19980102
				US 1998-218567 A3	19981222
	US 2002010316	A1	20020124	US 2001-878704	20010611

US 6344562

B2 20020205

EP 1998-100006 A 19980102

US 1998-218567 A319981222

US 2000-526033 A320000315

OS MARPAT 131:116229

AB R1(CH2)aZ(CONR9)cZ1(CH2)e(NB)fAm(NH)g(CH2)n[CH[(CO)k(NH)lR10]]i(CH2)jCO2H
 [I; A = CO or SO2; B,R9 = H or (cyclo)alkyl; R1 = NR6CONR5(CH2)bR4, NR5R6,
 NHC(:NR8)NHR7, etc.; R4 = H, (cyclo)alkyl, (hetero)aryl; R5,R6 = H,
 (cyclo)alkyl, aryl, etc.; R7,R8 = H, (ar)alkyl, etc.; R7R8 = atoms to
 complete a ring; R10 = H, OH, (ar)alkyl, carboxy(alkyl), alkoxycarbonyl,
 etc.; Z = (un)substituted thiazole-2,4- or -2,5-diyl; Z1 = bond or
 arylene; a,j = 0-2; b = 0-4; c,f,g,h,i,k,l,m = 0 or 1; e = 0-3; h = 0-5]
 were prepd. Thus, H2NC(:NH)NHCSNH2 was cyclocondensed with BrCH2COCO2Et
 and the sapond. product amidated by H2NCH2CH2CONHCH2CH2CO2Et to give,
 after sapon., H2NC(:NH)NHZ(CONHCH2CH2)2CO2H (Z = thiazole-2,4-diyl). Data
 for biol. activity of I were given.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 95 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:405036 CAPLUS

DN 131:60019

TI Preparation of rigidized trimethine cyanine dyes and their use as
 fluorescent markers

IN Waggoner, Alan S.; Mujumdar, Ratnakar B.

PA Carnegie Mellon University, USA

SO PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9931181	A1	19990624	WO 1998-US26665	19981216
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2314188	AA	19990624	US 1997-992212 A219971217	
			CA 1998-2314188	19981216
			US 1997-992212 A	19971217
			WO 1998-US26665W	19981216
AU 9918288	A1	19990705	AU 1999-18288	19981216
AU 760598	B2	20030515		
			US 1997-992212 A	19971217
			WO 1998-US26665W	19981216
EP 1042407	A1	20001011	EP 1998-963218	19981216
EP 1042407	B1	20010912		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			US 1997-992212 A	19971217
			WO 1998-US26665W	19981216
AT 205515	E	20010915	AT 1998-963218	19981216
			US 1997-992212 A	19971217

ES 2165711 T3 20020316

JP 2002508428 T2 20020319

WO 1998-US26665W 19981216

ES 1998-963218 19981216

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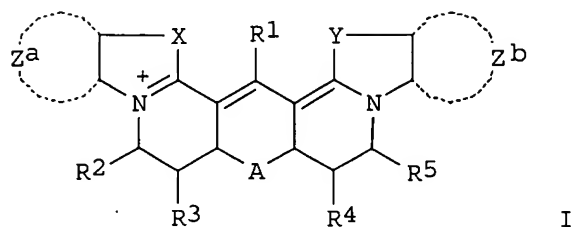
JP 2000-539092 19981216

US 1997-992212 A 19971217

WO 1998-US26665W 19981216

OS MARPAT 131:60019

GI



AB Trimethine cyanine dyes, which are useful for imparting fluorescent properties to target materials by covalent and non-covalent assocn., have general I [X, Y = bis-C1-4 alkyl- or C4-5 spiroalkyl-substituted C, O, S, Se, CH:CH, NW; W = H, (CH₂)_nR₁₂; n = 1-26; R₁₂ = H, (substituted) amino, aldehyde, acetal, halogen, cyano, (hetero)aryl, OH, sulfonate, sulfate, carboxylate, quaternary amino, NO₂, amide, reactive group to amino, OH, CO, phosphoryl, sulfonyl; Z_a, Z_b = bond, atoms necessary to complete one, two fused or three fused arom. rings each ring having five or six atoms and contg. at least 2 O, S, N; A = O, S, NR₁₁; R₁₁ = substituted amino radical; R₁ = H, (hetero)aryl, CN, NO₂, CHO, halogen, OH, (substituted)amino, acetal, ketal, phosphoryl, sulfonyl, quaternary amino, water-solubilizing group, (substituted) alkyl; R₂-5 = water soly.-reducing neutral group, water-solubilizing polar group, functional group that is reactive in labeling reaction, electron donating or withdrawing for shifting the absorption and emission wavelength of the fluorescent mol, lipid- and hydrocarbon-solubilizing group]. The dyes are used in binding assays, such as immunoassays, nucleic acid hybridization assays, DNA-protein binding assays, hormone receptor binding assays, and enzyme assays.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 96 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:390408 CAPLUS

DN 131:45047

TI Preparation of sialyl Lewisx and sialyl Lewisx glyco-mimetics as selectin inhibitors

IN Anderson, Mark B.; Kobayashi, Yoshiyuki; Itoh, Kazuhiro; Holme, Kevin R.; Cui, Jingrong; Fugedi, Peter; Peto, Csaba F.; Wang, Li; Vazir, Harish

PA Glycomed Incorporated, USA; Sankyo Co., Ltd.

SO PCT Int. Appl., 184 pp.

CODEN: PIXXD2

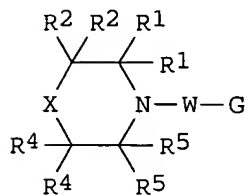
DT Patent

LA English

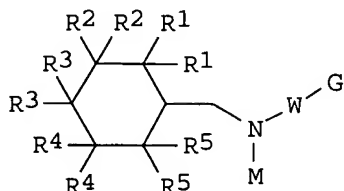
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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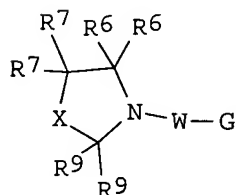
PI WO 9929705 A2 19990617 WO 1998-US25783 19981204
 WO 9929705 A3 19990819
 W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
 DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE,
 KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
 MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
 TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 AU 9918042 A1 19990628 US 1997-67971P P 19971208
 AU 1999-18042 19981204
 US 1997-67971P P 19971208
 WO 1998-US25783W 19981204
 OS MARPAT 131:45047
 GI



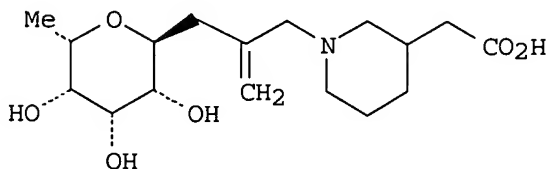
I



II



III



IV

AB The present invention provides a series of compds. in the form of chem. and physiol. stable glyco-mimics or glyco-epitopes I-III and MO₂C(CH₂)_nNHC(O)YG wherein W is a covalent bond, -C(=O)-, -C(=O)-CH₂-, -C(=O)-CH₂-CH₂-, -C(=O)-CH=CH-, -C(=O)-CH(-NHAc)-CH₂-, -C(=O)-CH₂-CHOH-, -C(=O)-CH(-NH-C(=O)-O-t-Bu)-CH₂-, -C(=S)-, -C(=S)-S-, -C(=S)-S-CH₂-, -C(=S)-CH₂-CH₂-, -C(=S)-NH-, -CH₂-CH₂-O-, -CH₂-CH(CH₃)-CH₂-, -CH₂-CH(CH₂OH)-CH₂-, -CH₂-C(=CH₂)-CH₂-; X is -NR₃-, -C(R₈)₂-, -NR₈-, CH-S-sialic acid, CH-O-sialic acid, -O- or -S-; Y is a covalent bond, -(CH₂)_n-, -CH₂-NH-C(=O)-, or -NH-C(=O)-; R₁-R₉ are independently selected from the group consisting of -H, -OH, alkyl, -CO₂M, -CH₂-CO₂M, -CO₂Me, -CH₂-CO₂Me, -CO₂Et, -CH₂CO₂Et, -CH₂-CH=CH-CO₂M, -CH₂-CH=CH-CO₂Me, -CH₂-CH=CH-CO₂Et, -OSO₃M, -CH₂-OSO₃M, -OPO₃M₂, -CH₂-OPO₃M₂ with the proviso that at least one of R₁-R₉ is not -H or -OH; G is heterocycle; M is a metal, n is 1-3, that serve to functionally mimic the active features of biol. important oligosaccharides, such as but not limited to sialyl Lewisx and sialyl Lewis_a. These structural glyco-mimetics are useful in the treatment of acute and chronic diseases and asthma. These compds. also are useful in the treatment of other selectin-mediated disorders, such as inflammation, cancer, diabetes, obesity, lung vasculitis, cardiac injury, reperfusion injuries, thrombosis, tissue rejection, arthritis,

inflammatory bowel disease and pulmonary inflammation. Thus, carboxymethyl-piperidine-N-isopropenyl-C-fucoside IV was prepd. and tested as selectin inhibitor (IC50 > 2500 .mu.M).

L7 ANSWER 97 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:375546 CAPLUS

DN 131:18932

TI Preparation and formulation of heterocyclic compounds as cyclic GMP phosphodiesterase inhibitors

IN Ohashi, Masayuki; Nishida, Hidemitsu; Shudo, Toshiyuki

PA Mochida Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 253 pp.

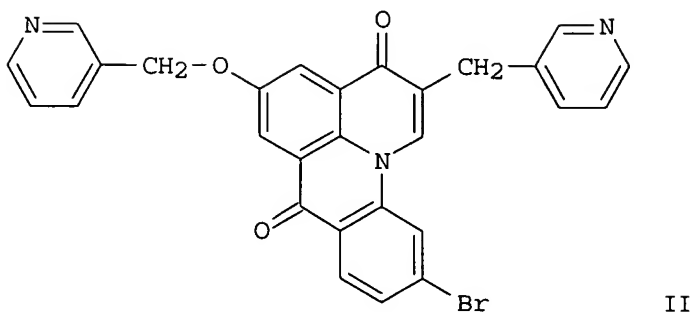
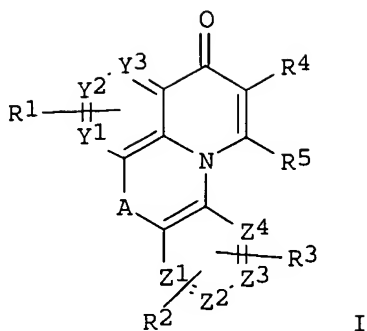
CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9928319	A1	19990610	WO 1998-JP5350	19981127
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
ZA 9810766	A	19990525	JP 1997-344164 A	19971128
			ZA 1998-10766	19981125
			JP 1997-344164 A	19971128
CA 2311947	AA	19990610	CA 1998-2311947	19981127
			JP 1997-344164 A	19971128
			WO 1998-JP5350 W	19981127
AU 9912617	A1	19990616	AU 1999-12617	19981127
AU 746883	B2	20020502		
			JP 1997-344164 A	19971128
			WO 1998-JP5350 W	19981127
BR 9815070	A	20001003	BR 1998-15070	19981127
			JP 1997-344164 A	19971128
			WO 1998-JP5350 W	19981127
EP 1048666	A1	20001102	EP 1998-955965	19981127
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			JP 1997-344164 A	19971128
			WO 1998-JP5350 W	19981127
NO 2000002696	A	20000724	NO 2000-2696	20000526
			JP 1997-344164 A	19971128
			WO 1998-JP5350 W	19981127
US 6476021	B1	20021105	US 2000-580657	20000526
			JP 1997-344164 A	19971128
			WO 1998-JP5350 A1	19981127
OS	MARPAT 131:18932			
GI				



AB The title compds. I [A = single bond, methylene, etc.; R1 = H, halo, etc.; R2 = H, halo, (protected) amino; etc.; R3 = H, halo, (protected) OH, etc.; R4 = H, halo, etc.; R5 = H, methyl; Y1 - Y3, Z1 - Z4 = methine, N] are prepd. I are useful as preventives and/or remedies for pulmonary hypertension, ischemic heart diseases, erectile insufficiency, female sexual dysfunction or diseases against which cGMP-PDE inhibitory effects are efficacious. The title compd. II in vitro showed IC50 of 0.0018 .mu.M against cyclic GMP phosphodiesterase.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 98 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:271339 CAPLUS

DN **130:282082**

TI Preparation of alkylthiopyrimidines as viral reverse transcriptase inhibitors

IN Morris, Joel; Wishka, Donn G.; Adams, Wade J.; Friis, Janice M.

PA Pharmacia & Upjohn Company, USA

SO PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9919304	A2	19990422	WO 1998-US18507	19980921
	WO 9919304	A3	20011220		

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NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
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 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2301800	AA	19990422	US 1997-59656P P 19970925 CA 1998-2301800 19980921 US 1997-59656P P 19970925 WO 1998-US18507W 19980921
AU 9923050	A1	19990503	AU 1999-23050 19980921
AU 750917	B2	20020801	
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US 6124306	A	20000926	US 1997-59656P P 19970925 WO 1998-US18507W 19980921 US 1998-157975 19980921 US 1997-59656P P 19970925 WO 1998-US18507A1 19980921
NZ 503586	A	20020328	NZ 1998-503586 19980921 US 1997-59656P P 19970925 WO 1998-US18507W 19980921
JP 2002526378	T2	20020820	JP 2000-515877 19980921 US 1997-59656P P 19970925 WO 1998-US18507W 19980921

OS MARPAT 130:282082

AB R6ZYCR12R13(CR41:R42)mR1 [I; R1 = C.tplbond.CH, alkoxycarbonyl, pyridyl(carbonyl), etc.; R6 = alkylthio; R12 = H, alkyl, CONH2, CH2NH2, etc.; R13 = H, CF3, alkyl; R41,R42 = H or alkyl; Y = O or SOO-2; Z = (un)substituted pyrimidine-4,2-diyl; m = 0 or 1] were prepd. Thus, (S)-(-)-4-amino-6-chloro-2-[1-(furo[2,3-c]pyridin-5-yl)ethylthiol]pyrimidine was converted to (S)-(-)-4-amino-6-methylthio-2-[1-(furo[2,3-c]pyridin-5-yl)ethylthiol]pyrimidine. Data for biol. activity of 2 I were given.

L7 ANSWER 99 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:216926 CAPLUS

DN 130:252609

TI Preparation of locked nucleoside analogs-containing oligodeoxyribonucleotide duplexes as substrates for nucleic acid polymerases

IN Wengel, Jesper; Nielsen, Poul

PA Exiqon A/S, Den.

SO PCT Int. Appl., 269 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

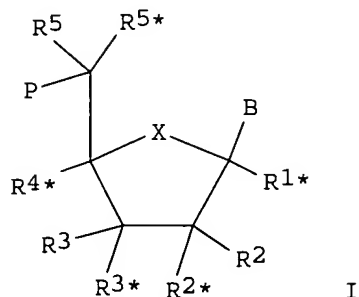
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PI	WO 9914226	A2	19990325	WO 1998-DK393	19980914
	WO 9914226	A3	19990805		
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SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY,
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 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002068708 A1 20020606 DK 1997-1054 A 19970912
 DK 1997-1492 A 19971219
 DK 1998-61 A 19980116
 DK 1998-286 A 19980303
 DK 1998-585 A 19980429
 US 1998-88309P P 19980605
 DK 1998-750 A 19980608
 DK 1998-982 A 19980728
 US 1998-152059 19980911
 US 1997-58541P P 19970912
 US 1997-68293P P 19971219
 US 1998-71682P P 19980116
 US 1998-76591P P 19980303
 US 1998-83507P P 19980429
 US 1998-88309P P 19980605
 US 1998-94355P P 19980728
 CA 2303299 AA 19990325 CA 1998-2303299 19980914
 DK 1997-1054 A 19970912
 DK 1997-1492 A 19971219
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 DK 1998-585 A 19980429
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 AU 9890633 A1 19990405 AU 1998-90633 19980914
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 US 1998-88309P P 19980605
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 DK 1998-982 U 19980728
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 EP 1015469 A2 20000705 EP 1998-942516 19980914
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 DK 1997-1054 A 19970912
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 DK 1997-1054 A 19970912
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 DK 1998-61 A 19980116
 DK 1998-286 A 19980303

			DK 1998-585	A 19980429
			US 1998-88309P	P 19980605
			DK 1998-750	A 19980608
			DK 1998-982	A 19980728
			WO 1998-DK393	W 19980914
US 2003134808	A1	20030717	US 2001-8029	20011105
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			US 1997-68293P	P 19971219
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			US 1998-76591P	P 19980303
			US 1998-83507P	P 19980429
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			US 1997-68293P	P 19971219
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			US 1998-76591P	P 19980303
			US 1998-83507P	P 19980429
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			US 1998-94355P	P 19980728
			US 1998-152059	A119980911

OS MARPAT 130:252609
GI



AB Bicyclic and tricyclic nucleoside and nucleotide analogs were prepd. as well as oligodeoxyribonucleotides comprising such elements I (B is selected from hydrogen, hydroxy, alkoxy, alkyl, acyloxy, nucleobases, DNA intercalators; P designates the radical position for an internucleoside linkage to a succeeding monomer, or a 5'-terminal group, such internucleoside linkage or 5'-terminal group optionally including the substituent R5; X is selected from O, S, substituted N, substituted C; R1, R1*, R2, R2*, R3, R3*, R4*, R5, R5*, are biradical(s), independently selected from hydrogen, alkyl, alkenyl, alkynyl, hydroxy, alkoxy, alkenyloxy, carboxy, alkoxycarbonyl, alkylcarbonyl, formyl, aryl, aryloxy-carbonyl, aryloxy, arylcarbonyl, heteroaryl, carbamido, alkanoyloxy, sulfono, alkylsulfonyloxy, nitro, azido, sulphonyl, alkylthio, halogen, DNA intercalators). Thus, (1S,5R,6R,8R)-5-(2-cyanoethoxy(diisopropylamino)phosphinoxy)-6-(4,4'-dimethoxytrityloxymethyl)-8-(thymine-1-yl)-2,7-dioxabicyclo[3.3.0]nonane was prepd. and incorporated into oligodeoxyribonucleotides. The nucleotide analogs, LNAs (Locked Nucleoside Analogs), are able to provide valuable improvements to oligonucleotides with respect to affinity and

specificity towards complementary RNA and DNA oligomers. The novel type of LNA modified oligonucleotides, as well as the LNAs as such, are useful in a wide range of diagnostic applications as well as therapeutic applications. Among these can be mentioned antisense applications, PCR applications, strand displacement oligomers, as substrates for nucleic acid polymerases, as nucleotide based drugs, etc.

L7 ANSWER 100 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:209146 CAPLUS

DN **130:223600**

TI Imidazolidine derivatives, their preparation and use, and pharmaceutical compositions containing them

IN Wehner, Volkmar; Stilz, Hans Ulrich; Schmidt, Wolfgang; Seiffge, Dirk

PA Hoechst Marion Roussel Deutschland GmbH, Germany

SO Eur. Pat. Appl., 66 pp.

CODEN: EPXXDW

DT Patent

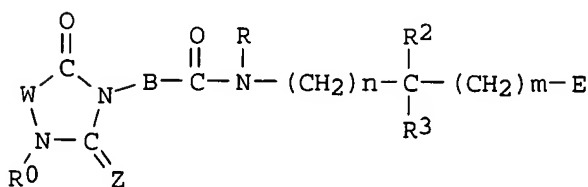
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 903353	A1	19990324	EP 1998-117231	19980911
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	DE 19741235	A1	19990325	DE 1997-19741235A	19970918
	NZ 331924	A	20000228	NZ 1998-331924	19980916
	ZA 9808496	A	19990318	ZA 1998-8496	19980917
	NO 9804309	A	19990319	NO 1998-4309	19980917
	AU 9885231	A1	19990401	AU 1998-85231	19980917
	AU 748599	B2	20020606		
	JP 11158157	A2	19990615	JP 1998-263164	19980917
	BR 9803486	A	20010522	BR 1998-3486	19980917
	CN 1218047	A	19990602	CN 1998-119629	19980918
	US 6423712	B1	20020723	US 1998-157241	19980918
	US 2003125565	A1	20030703	US 2002-147921	20020520
				DE 1997-19741235A	19970918
				US 1998-157241 A3	19980918

OS MARPAT 130:223600

GI



I

AB Title compds. [(I); W = R1AC(R13); R1ACH:C; R1 = H, (substituted)(cyclo)alkyl; R13 = H, (aryl)alkyl; Z = O, S; R0 = H, (cyclo)alkyl. aryl; A = (substituted)(cyclo)alkyl; B = (substituted)alkyl, alkenyl, (substituted)Ph; R2 = H, (cyclo)alkyl, (substituted)aryl; R3 = H, alkyl, (substituted)(cyclo)aryl, alkenyl, alkynyl; E = tetrazolyl, (R8O)2P(O), HO2S, R9NHSO2, R10CO; R8 = H, alkyl, (substituted)aryl; R9 = H, (substituted)NHCO; R10 = OH, (aryl)alkoxy, (substituted)NH2; n, m = independently 0 or 1], useful for inhibition and prevention of leukocyte adhesion or migration, VLA-4 receptor/ligand interactions, and cell adhesion-mediated pathologies, were prepd. and tested. Thus, I [W = (S)-C(CH3)(4-HOCH2C6H4); R0 = CH2Ph; B = CH2; R = H; n = 1; m = 0; R2 = (S)-NHC(O)OCH2-adamantyl; R3 = H; E = CO2H (II)] was prepd. from ((S)-4-(4-hydroxymethyl-phenyl)-3-benzyl-4-methyl-2,5-dioxo-imidazoliden-1-yl)-acetic acid (prepn. given) and (S)-2-(1-adamantylmethyloxycabonylamino)-3-amino-propionic acid tert-Bu ester. In in vitro tests using U937 cells and hVCAM-1(1-3)-IgG, II had IC50 4.mu.M.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 101 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:184256 CAPLUS

DN 130:209714

TI Tetracyclic heteroaromatic compounds as poly(ADP-ribose) polymerase (PARP) inhibitors for treating neural or cardiovascular tissue damage

IN Li, Jia-He; Zhang, Jie; Jackson, Paul F.; Maclin, Keith M.

PA Guilford Pharmaceuticals Inc., USA

SO PCT Int. Appl., 122 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 16

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9911645	A1	19990311	WO 1998-US18189	19980902
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	RW:				
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				US 1997-922548 A	19970903
				US 1998-47502 A	19980325
				US 1998-145181 A	19980901
	US 6346536	B1	20020212	US 1997-922548	19970903
	US 6306889	B1	20011023	US 1998-47502	19980325
				US 1997-922548 A2	19970903
	US 6514983	B1	20030204	US 1998-145181	19980901
				US 1997-922548 A2	19970903
				US 1998-47502 A2	19980325
	AU 9892982	A1	19990322	AU 1998-92982	19980902
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	BR 9812185	A	20000718	BR 1998-12185	19980902

			US 1997-922548 A 19970903
			US 1998-47502 A 19980325
			US 1998-145181 A 19980901
			WO 1998-US18189W 19980902
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			US 1997-922548 A 19970903
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			US 1998-145181 A 19980901
			WO 1998-US18189W 19980902
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			US 1997-922548 A 19970903
			US 1998-47502 A 19980325
			US 1998-145181 A 19980901
			WO 1998-US18189W 19980902
NZ 503043	A	20021025	NZ 1998-503043 19980902
			US 1997-922548 A 19970903
			US 1998-47502 A 19980325
			US 1998-145181 A 19980901
			WO 1998-US18189W 19980902
NO 2000001001	A	20000405	NO 2000-1001 20000228
			US 1997-922548 A 19970903
			US 1998-47502 A 19980325
			US 1998-145181 A 19980901
			WO 1998-US18189W 19980902

PATENT FAMILY INFORMATION:

FAN 1999:184235

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9911622	A1	19990311	WO 1998-US18187	19980902
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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			US 1997-922520 A 19970903	
			US 1998-79507 A 19980515	
			US 1998-145177 A 19980901	
AU 9892980	A1	19990322	AU 1998-92980	19980902
			US 1997-922520 A 19970903	
			US 1998-79507 A 19980515	
			US 1998-145177 A 19980901	
			WO 1998-US18187W 19980902	

FAN 1999:184236

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9911623	A1	19990311	WO 1998-US18184	19980902
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CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

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				US 1998-79513 A 19980515
				US 1998-145179 A 19980901
US 2002028813	A1	20020307		US 1998-145179 19980901
				US 1997-922520 B219970903
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AU 9892978	A1	19990322		AU 1998-92978 19980902
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FAN 1999:184237				
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			US 1997-922520 A 19970903	
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			US 1998-145180 A 19980901	
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			US 1997-922520 B219970903	
			US 1998-79509 B219980515	
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			US 1997-922520 A 19970903	
			US 1998-79509 A 19980515	
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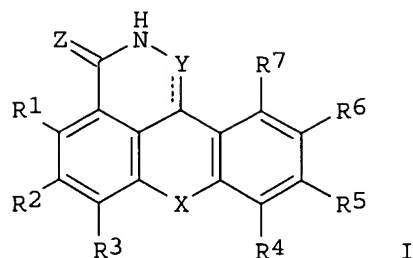
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				WO 1998-US18226W 19980902
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				US 1997-922520 A 19970903
				US 1998-79508 A 19980515
				US 1998-145166 A 19980901
				WO 1998-US18226W 19980902
	US 6380211	B1	20020430	US 2000-711953 20001115
				US 1997-922520 B219970903
				US 1998-79508 A219980515
				US 1998-145166 A119980901
FAN	2003:92405			

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6514983	B1	20030204	US 1998-145181	19980901
				US 1997-922548 A219970903	
				US 1998-47502 A219980325	
	US 6346536	B1	20020212	US 1997-922548	19970903
	US 6306889	B1	20011023	US 1998-47502	19980325
				US 1997-922548 A219970903	
	WO 9911645	A1	19990311	WO 1998-US18189	19980902
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				US 1997-922548 A	19970903
				US 1998-47502 A	19980325
				US 1998-145181 A	19980901
AU	9892982	A1	19990322	AU 1998-92982	19980902
				US 1997-922548 A	19970903
				US 1998-47502 A	19980325
				US 1998-145181 A	19980901
				WO 1998-US18189W	19980902
BR	9812185	A	20000718	BR 1998-12185	19980902
				US 1997-922548 A	19970903
				US 1998-47502 A	19980325
				US 1998-145181 A	19980901
				WO 1998-US18189W	19980902
EP	1019409	A1	20000719	EP 1998-945828	19980902
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1997-922548 A	19970903
				US 1998-47502 A	19980325
				US 1998-145181 A	19980901
				WO 1998-US18189W	19980902
JP	2002510332	T2	20020402	JP 1999-516974	19980902
				US 1997-922548 A	19970903
				US 1998-47502 A	19980325
				US 1998-145181 A	19980901
				WO 1998-US18189W	19980902
NZ	503043	A	20021025	NZ 1998-503043	19980902
				US 1997-922548 A	19970903
				US 1998-47502 A	19980325
				US 1998-145181 A	19980901
				WO 1998-US18189W	19980902
NO	2000001001	A	20000405	NO 2000-1001	20000228
				US 1997-922548 A	19970903
				US 1998-47502 A	19980325
				US 1998-145181 A	19980901
				WO 1998-US18189W	19980902
OS	MARPAT 130:209714				
GI					



AB Title compds. I [Y = alkylhalo, alkyl-COG, COG, direct bond, CO, O, NR11, CR8; G = NR11R16, OR9, SR9, R10; Z = O, S, NR11; X = NR16, O, S, CR12R13, CO, bond, -CR12CR13, CR12R13CR14R15; R1-R8, R10, R12-R15 = H, halo, alkylhalo, OH, C1-C9 alkyl, C2-C9 alkenyl group, C3-C8 cycloalkyl, C5-C7 cycloalkenyl, aryl, amino, alkylamino, NO2, NO, CO2H, aralkyl; R9 = H, OH, C1-C9 alkyl, C2-C9 alkenyl, C3-C8 cycloalkyl, C5-C7 cycloalkenyl, aryl, NH2, alkylamino, CO2H, aralkyl; R11, R16 = H, halo, alkylhalo, OH, C1-C9 alkyl, C2-C9 alkenyl group, C3-C8 cycloalkyl, C5-C7 cycloalkenyl, aryl, NH2, alkylamino, CO2H, or aralkyl] were prepd. for use as PARP inhibitors for treating neural or cardiovascular tissue damage. Thus, I [X, Z = O, Y = NH, R1-R7 = H, the dotted bond is a single bond] was prepd. from 9-xanthenecarboxamide by redn. to the amine, conversion to isocyanate, and cyclization and had a PARP-inhibiting IC50 of 0.20.mu.M.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 102 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:113517 CAPLUS

DN 130:178758

TI Use of benzo[c]quinolizine derivatives as plant growth regulators

IN Guarna, Antonio; Serio, Mario

PA Applied Research Systems ARS Holding N.V., Neth. Antilles

SO PCT Int. Appl., 14 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9905913	A1	19990211	WO 1998-EP4737	19980729
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9891570	A1	19990222	IT 1997-FI193	A 19970801
AU 750092	B2	20020711	AU 1998-91570	19980729
			IT 1997-FI193	A 19970801
			WO 1998-EP4737	W 19980729
EP 999747	A1	20000517	EP 1998-943798	19980729
EP 999747	B1	20030423		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,		

IE, FI

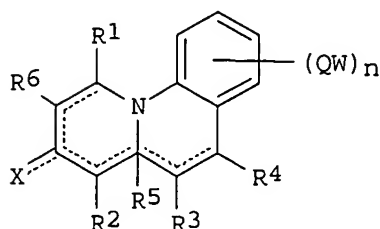
JP 2001511433 T2 20010814

AT 237938 E 20030515

US 6514912 B1 20030204

OS MARPAT 130:178758
GI

IT 1997-FI193 A 19970801
 WO 1998-EP4737 W 19980729
 JP 2000-504746 19980729
 IT 1997-FI193 A 19970801
 WO 1998-EP4737 W 19980729
 AT 1998-943798 19980729
 IT 1997-FI193 A 19970801
 WO 1998-EP4737 W 19980729
 US 2000-480238 20000110
 WO 1998-EP4737 A119980729



I

AB The benzo[c]quinolizine derivs. I (R1-4, R6 = H, alkyl, alkenyl, alkynyl, aryl, heterocyclyl, etc.; R5 = H, alkyl, arylalkyl, CO₂H, etc.; Q = bond, alkyl, alkenyl, alkynyl, CO, etc.; W = H, alkyl, alkenyl, aryl, etc.; n = 1-4; a, b, c, d, e, f and g are single or double bonds) are plant growth regulators.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 103 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:104522 CAPLUS

DN **130:163203**

TI 5-HT-2 antagonists, and preparation thereof, for treating or ameliorating the symptoms of common cold or allergic rhinitis

IN Johnson, Kirk Willis; Nelson, David Lloyd Garver; Phebus, Lee Alan

PA Eli Lilly and Company, USA

SO U.S., 16 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5869497	A	19990209	US 1997-813472	19970307
				US 1997-813472	19970307

OS MARPAT 130:163203

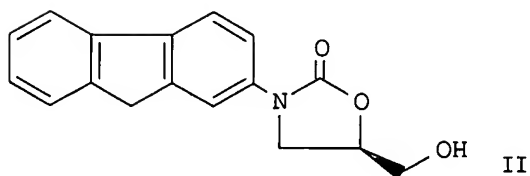
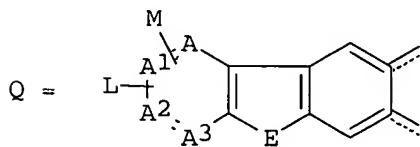
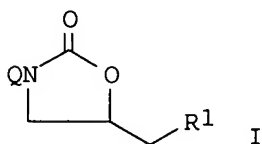
AB Methods are provided for the treatment or amelioration of the symptoms of the common cold or allergic rhinitis which comprises administering to a mammal in need thereof a 5-HT₂ antagonist. Prepn of e.g. 6-methyl-1-[(2-chloro-3,4-dimethoxyphenyl)-methyl]-1,2,3,4-tetrahydro-9H-pyrido[3,4-b]indole hydrochloride is described.

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 104 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:77555 CAPLUS
 DN **130:139335**
 TI Preparation of tricyclically substituted oxazolidinones as bactericides
 IN Bartel, Stephan; Guarnieri, Walter; Riedl, Bernd; Habich, Dieter; Stolle, Andreas; Ruppelt, Martin; Raddatz, Siegfried; Rosentreter, Ulrich; Wild, Hanno; Endermann, Rainer; Kroll, Hein-peter
 PA Bayer Aktiengesellschaft, Germany; et al.
 SO PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9903846	A1	19990128	WO 1998-EP4252	19980708
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19730847	A1	19990128	DE 1997-19730847	19970718
AU 9884417	A1	19990210	AU 1998-84417	19980708
			DE 1997-19730847	19970718
			WO 1998-EP4252	19980708
ZA 9806360	A	19990127	ZA 1998-6360	19980717
			DE 1997-19730847	19970718

OS MARPAT 130:139335
 GI



AB Title compds. [I; R1= N3, OH, OMe, OSO2Me, NH2, NHCOCH3, etc.; E = O, S, CO, SO, SO2, NC2H5, etc.; A, A1, A2, A3 are independently CH, N, with no more than one N; L and M are independently H, OH, CO, CN, NO2, CHO, etc.; dotted bonds = one single bond to I and the other single bond to a H] are prepd. as antibacterial medicaments. Thus, compd. II was prepd. from cycloaddn. of 2-benzyloxycarbonylamino fluorene and (R)-2,3-epoxypropyl butanoate in the presence of Bu lithium in hexane.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 105 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:795478 CAPLUS

DN 130:95479

TI Preparation of piperidine derivatives as cell adhesion inhibitors for inflammation inhibitors, metastasis inhibitors, etc.

IN Sasaki, Shinichi; Fujiwara, Shigeki; Hagiwara, Koji; Takai, Haruki; Suzuki, Koji; Miki, Ichiro; Hisano, Yukako; Kase, Hiroshi

PA Kyowa Hakko Kogyo Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 37 pp.

CODEN: JKXXAF

DT Patent

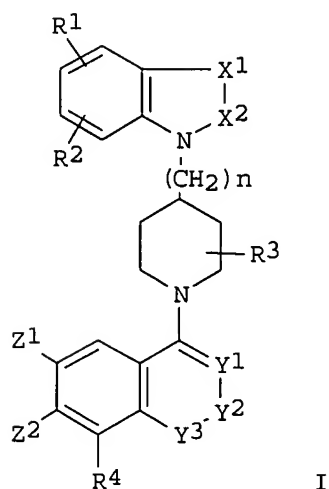
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10330377	A2	19981215	JP 1997-144105	19970602
				JP 1997-144105	19970602

OS MARPAT 130:95479

GI



AB The derivs. I [R1 = (un)substituted lower alkyl, OH, lower alkoxy, carboxy, lower alkoxy carbonyl, lower alkyl carbonyl, lower alkoxy carbonyl, (un)substituted aryl, (un)substituted aryloxy, (un)substituted aryloxy carbonyl, (un)substituted alkyl carbonyl, carbamoyl, mono- or

di-lower alkylcarbamoyl, mono- or di-arylcarbamoylNO₂, halo; R₂ = H, any group given for R₁; R₃ = H, lower alkyl; R₄ = H, lower alkyl, lower alkoxy; X₁X₂ = N:N, NCR₅ (R₅ = H, lower alkyl, lower alkoxy), NR₆W [R₆ = H, (un)substituted lower alkyl, (un)substituted aryl; W = CO, CS, SO₂], OCR₇ (R₇ = O, S); Y₁Y₂Y₃ = :NCR₈:N [R₈ = H, lower alkoxy, halo, amino, mono- or di-(un)substituted lower alkyl-amino, (un)substituted aliph. heterocyclyl], :NN:CR₈A (R₈A = any group given for R₈), :NCR₈B:CH (R₈B = any group given for R₈), :C(COR₉)CH:N [R₉ = H, OH, lower alkyl, lower alkoxy, (un)substituted aryl, (un)substituted aryloxy, amino, mono- or di-lower alkyl-amino, mono- or di-(un)substituted aryl-amino, (un)substituted aliph. heterocyclyl]; Z₁, Z₂ = H, (un)substituted lower alkyl, OH, lower alkoxy, carboxy, lower alkoxycarbonyl, lower alkylcarbonyl, carbamoyl, mono- or di-lower alkyl-carbamoyl, halo, NO₂; Z₁ and Z₂ may be bonded to each other to form NR₁₀CXN R₁₁ (R₁₀, R₁₁ = H, lower alkyl; X = O, S); n = 0, 1, 2] or their pharmacol. acceptable salts are prepd. I inhibit cell adhesion, esp. between HUVEC and HL60 leukemia cell, thus being useful as inflammation inhibitors, antiallergic drugs, metastasis inhibitors, immunosuppressants, etc. 2,3-Dihydro-5-methyl-1-(4-piperidinyl)-1H-benzimidazol-2-one was treated with Et 4-chloro-6-methoxyquinoline-3-carboxylate to give Et 4-[4-(2,3-dihydro-5-methyl-2-oxo-1H-benzimidazol-1-yl)-1-piperidinyl]-6-methoxyquinoline-3-carboxylate. This inhibited TNF.alpha.-stimulated adhesion of HL60 cells to HUVEC with inhibition rates 108 and 51% at 10⁻⁵ and 10⁻⁶M, resp.

L7 ANSWER 106 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:789149 CAPLUS

DN 130:38390

TI Preparation of azolidinediones as antidiabetics

IN Lohray, Braj Bhushan; Lohray, Vidya Bhushan; Bajji, Ashok Channaveerappa; Kalchar, Shivaramayya; Alla, Sekar Reddy; Ramanujam, Rajagopalan; Vikramadithyan, Reeba K.

PA Reddy's Research Foundation, India; Reddy-Cheminor Inc.

SO PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9852946	A1	19981126	WO 1998-US10612	19980526
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6011031	A	20000104	US 1997-982910 A	19971202
AU 9875952	A1	19981211	US 1997-982910	19971202
			IN 1997-MA1153 A	19970530
			AU 1998-75952	19980526
			US 1997-982910 A	19971202
			WO 1998-US10612W	19980526
EP 977753	A1	20000209	EP 1998-923730	19980526
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			US 1997-982910 A	19971202

JP 2002515042 T2 20020521

US 6159966 A 20001212

WO 1998-US10612W 19980526

JP 1998-507379 19980526

US 1997-982910 A 19971202

WO 1998-US10612W 19980526

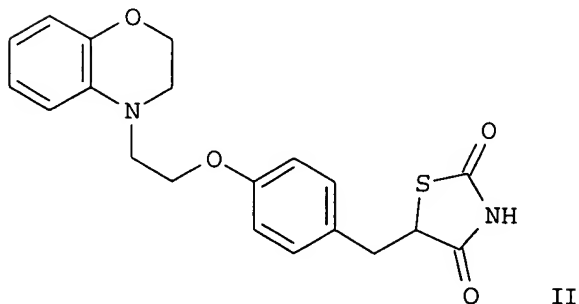
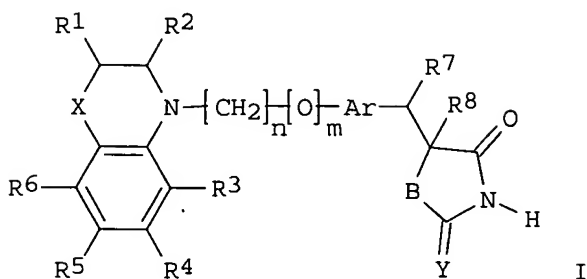
US 1998-134348 19980814

IN 1997-MA1153 A 19970530

US 1997-982910 A319971202

OS MARPAT 130:38390

GI



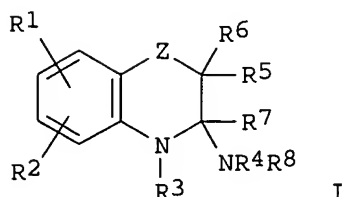
AB The title compds. [I; R1-R6 = H, halo, OH, etc.; R1R2 along with carbon atoms to which they are attached = (un)substituted arom. ring contg. 5-6 ring atoms; X = O, S, NH, etc.; Ar = (un)substituted divalent single or fused arom. or heterocyclic; R7 = H, OH, alkoxy, etc.; R8 = H, OH, alkoxy, etc.; R8 may form a bond together with R7; B = O, S; Y = O, S; n = 1-4; m = 0-1] and their pharmaceutically acceptable salts, useful for the treatment of diabetes, dyslipidemia and hypertension, were prepd. and formulated. Thus, reaction of 4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]benzaldehyde (prepn. described) with 2,4-thiazolidinedione in the presence of piperidine and benzoic acid in PhMe followed by treatment of the resulting 5-{4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenylmethylene}thiazolidine-2,4-dione with Mg in MeOH, and treatment of the intermediate with NaOMe in MeOH afforded the title compd. II as sodium salt which showed 62% redn. in blood glucose level and 55% triglyceride lowering at 30 mg/kg.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 107 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:745043 CAPLUS
 DN **129:343502**
 TI Preparation of 3-amino-1,4-benzoxazines and analogs as nitric oxide
 synthase inhibitors
 IN Holscher, Peter; Rehwinkel, Hartmut; Suelzle, Detlev; Burton, Gerardine;
 Hillmann, Margrit; Pribilla, Iris; Davey, David Daniel
 PA Schering A.-G., Germany
 SO PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9850372	A1	19981112	WO 1998-DE1241	19980430
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				DE 1997-19720155A	19970502
	AU 9883308	A1	19981127	AU 1998-83308	19980430
				DE 1997-19720155A	19970502
				WO 1998-DE1241 W	19980430
	EP 980362	A1	20000223	EP 1998-933446	19980430
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				DE 1997-19720155A	19970502
				WO 1998-DE1241 W	19980430
	JP 2001524115	T2	20011127	JP 1998-547629	19980430
				DE 1997-19720155A	19970502
				WO 1998-DE1241 W	19980430
	US 6191127	B1	20010220	US 1999-423072	19991101
				DE 1997-19720155A	19970502
				WO 1998-DE1241 W	19980430

OS MARPAT 129:343502
 GI



AB Title compds. [I; R1,R2 = H, halo, alkyl, alkoxy, etc.; R3,R4 = H, alkyl, Ph, CONH2, etc.; R5 = halo, alkyl, alkoxy, Ph, etc.; R6 = H; R5R6 = atoms

to complete a ring; R3R7, R7R8 = bond; R8 = H; Z = O or SOO-2] were prepd. Thus, 2-(H2N)C6H4OH was cyclocondensed with MeCHClCN to give 3-amino-2-methyl-2H-1,4-benzoxazine. Data for biol. activity of I were given.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 108 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:621100 CAPLUS

DN **129:239901**

TI Anti-epileptogenic agents, and preparation thereof

IN Weaver, Donald F.; Milne, Paul H.; Tan, Christopher Y. K.; Carran, John R.

PA Queen's University At Kingston, Can.

SO PCT Int. Appl., 91 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9840055	A2	19980917	WO 1998-CA244	19980312
	WO 9840055	A3	19990218		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
				US 1997-41140P P	19970312
				US 1998-73536P P	19980203
US	6306909	B1	20011023	US 1998-41371	19980311
				US 1997-41140P P	19970312
				US 1998-73536P P	19980203
AU	9864923	A1	19980929	AU 1998-64923	19980312
				US 1997-41140P P	19970312
				US 1998-73536P P	19980203
				WO 1998-CA244 W	19980312
EP	969823	A2	20000112	EP 1998-910555	19980312
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
				US 1997-41140P P	19970312
				US 1998-73536P P	19980203
				WO 1998-CA244 W	19980312
NZ	337849	A	20000128	NZ 1998-337849	19980312
				US 1997-41140P P	19970312
				US 1998-73536P P	19980203
				WO 1998-CA244 W	19980312
JP	2001515483	T2	20010918	JP 1998-539010	19980312
				US 1997-41140P P	19970312
				US 1998-73536P P	19980203
				WO 1998-CA244 W	19980312
US	2002025949	A1	20020228	US 2001-932676	20010816
				US 1997-41140P P	19970312
				US 1998-73536P P	19980203
				US 1998-41371 A3	19980311

OS MARPAT 129:239901

AB Methods and compds. useful for the inhibition of convulsive disorders, including epilepsy, are disclosed. The methods and compds. of the invention inhibit or prevent ictogenesis and epileptogenesis. Methods for prepg. the compds. of the invention are also described.

L7 ANSWER 109 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:594520 CAPLUS

DN 129:290150

TI Preparation of 2-(cycloalkane or heterocycle-fused indole-2-carbonyl)guanidines as inhibitors of Na⁺/H⁺ exchange transport system

IN Kitano, Masashi; Oohashi, Naohito

PA Sumitomo Pharmaceuticals Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 55 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10237073	A2	19980908	JP 1997-32894	19970130
				JP 1996-40611 A	19960202
				JP 1996-131370 A	19960425
				JP 1996-219322 A	19960731
				JP 1996-356301 A	19961224
	CN 1161334	A	19971008	CN 1997-102191	19970131
	CN 1058969	B	20001129		
				JP 1996-219322 A	19960731
	US 5977100	A	19991102	US 1998-74462	19980508
				JP 1996-40611 A	19960202
				JP 1996-131370 A	19960425
				JP 1996-219322 A	19960731
				JP 1996-356301 A	19961224
				US 1997-790024 A3	19970128
	US 6271251	B1	20010807	US 1999-342101	19990629
				JP 1996-40611 A	19960202
				JP 1996-131370 A	19960425
				JP 1996-219322 A	19960731
				JP 1996-356301 A	19961224
				US 1997-790024 A3	19970128
				US 1998-74462 A3	19980508

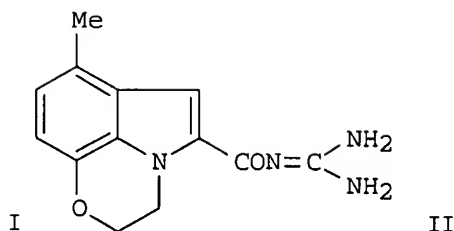
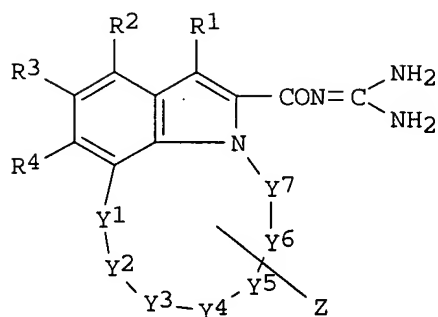
PATENT FAMILY INFORMATION:

FAN 1997:553174

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 787728	A1	19970806	EP 1997-300634	19970131
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, NL, PT, SE			JP 1996-40611 A	19960202
				JP 1996-131370 A	19960425
				JP 1996-219322 A	19960731
	CA 2195697	AA	19970803	CA 1997-2195697	19970122
				JP 1996-40611 A	19960202
				JP 1996-131370 A	19960425
				JP 1996-219322 A	19960731
	TW 432065	B	20010501	TW 1997-86100725	19970123
				JP 1996-40611 A	19960202
				JP 1996-131370 A	19960425
				JP 1996-219322 A	19960731
	AU 9712316	A1	19970807	AU 1997-12316	19970124

AU 703041	B2	19990311	JP 1996-40611 A 19960202
			JP 1996-131370 A 19960425
			JP 1996-219322 A 19960731
US 5834454	A	19981110	US 1997-790024 19970128
			JP 1996-40611 A 19960202
			JP 1996-131370 A 19960425
			JP 1996-219322 A 19960731
CN 1161334	A	19971008	CN 1997-102191 19970131
CN 1058969	B	20001129	
US 5977100	A	19991102	JP 1996-219322 A 19960731
			US 1998-74462 19980508
			JP 1996-40611 A 19960202
			JP 1996-131370 A 19960425
			JP 1996-219322 A 19960731
			JP 1996-356301 A 19961224
US 6271251	B1	20010807	US 1997-790024 A319970128
			US 1999-342101 19990629
			JP 1996-40611 A 19960202
			JP 1996-131370 A 19960425
			JP 1996-219322 A 19960731
			JP 1996-356301 A 19961224
			US 1997-790024 A319970128
			US 1998-74462 A319980508

OS MARPAT 129:290150
GI



AB The title compds. [I; R1, R2, R3, R4 = H, (un)substituted alkyl, cycloalkyl, cycloalkenyl, satd. heterocyclyl, halo, NO2, CO2H, alkoxy carbonyl, aryl, acyl, etc.; Y1 - Y7 = single bond, CH2, O, CO, (un)substituted C(:CH2), S, SO, SO2, (un)substituted NH; Z = (un)substituted NH2, S(O)nR8; n = 0,1,2; R8 = (un)substituted alkyl, aryl] are prepd. Also claimed are remedies or preventives for hypertension, arrhythmia, angina pectoris, heart hypertrophy, diabetes, organ disorders caused by ischemia or ischemic reperfusion, cerebral ischemia, diseases caused by excessive proliferation of cells, and diseases caused by disorders of endothelial cells, contg. above compds. I. Thus, a mixt. of Et 2,3-dihydro-7-methylpyrrolo[1,2,3-de]-1,4-benzoxazine-5-carboxylate, guanidine hydrochloride, NaOMe, and DMF was stirred at room temp. for 18 h to give, after salt formation with MeSO3H, the title compd., pyrrolobenzoxazine deriv. (II.MeSO3H). In an in vitro test for inhibition

of Na⁺/H⁺ exchange transport system, II.MeSO₃H showed IC₅₀ of 0.3 .mu.M.

L7 ANSWER 110 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:583022 CAPLUS

DN **129:202864**

TI Preparation of benzocycloheptanesulfonamides, tetrahydrobenzoxepinsulfonamides, and related compounds as potassium channel blockers.

IN Brendel, Joachim; Lang, Hans Jochen; Gerlach, Uwe

PA Hoechst A.-G., Germany

SO Ger. Offen., 24 pp.

CODEN: GWXXBX

DT Patent

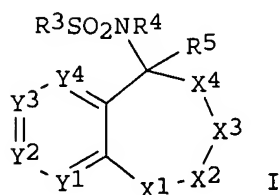
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19707656	A1	19980827	DE 1997-19707656	19970226
	CN 1169429	A	19980107	CN 1997-111540	19970513
				DE 1997-19707656A	19970226
	EP 861836	A1	19980902	EP 1998-102952	19980220
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9800207	A	19990518	DE 1997-19707656A	19970226
				BR 1998-207	19980220
				DE 1997-19707656A	19970226
	CA 2230349	AA	19980826	CA 1998-2230349	19980224
				DE 1997-19707656A	19970226
	ZA 9801562	A	19980826	ZA 1998-1562	19980225
				DE 1997-19707656A	19970226
	NO 9800785	A	19980827	NO 1998-785	19980225
				DE 1997-19707656A	19970226
	AU 9856333	A1	19980903	AU 1998-56333	19980225
	AU 737461	B2	20010823		
				DE 1997-19707656A	19970226
	CN 1193017	A	19980916	CN 1998-105329	19980225
	CN 1110490	B	20030604		
				DE 1997-19707656A	19970226
	JP 10287641	A2	19981027	JP 1998-43652	19980225
				DE 1997-19707656A	19970226
	TW 452574	B	20010901	TW 1998-87102578	19980327
				DE 1997-19707656A	19970226
	US 2002072514	A1	20020613	US 2001-983670	20011025
				DE 1997-19707656A	19970226
				US 1998-28452	B219980224
				US 1999-342597	A119990629

OS MARPAT 129:202864

GI



AB Title compds. [I; X1 = O, S, SO, CO, (substituted) imino, methylene; X2, X3 = O, S, SO, SO2, (substituted) methylene, imino; X4 = (substituted) methylene, imino, Y1-Y4 = N, (substituted) methine; R3 = R17CxH2xNR18, R17CxH2x, etc.; x = 0-10; R17 = H, Me, cycloalkyl, CF3, C2F5, C3F7; R18 = H, alkyl; R4 = CrH2rR20, etc.; r = 0-20; R20 = H, Me, CF3, C2F5, C3F7, cycloalkyl, amino, etc.; R5 = H, etc; with provisos], were prepd. as potassium channel blockers (no data). Thus, 4,5-epoxy-7-nitro-2,3,4,5-tetrahydro-1-benzoxepin (prepn. given) and Me(Me3Si)NSO2Et (prepn. given) were treated with Bu4NF to give trans-7-nitro-5-(N-ethylsulfonyl-N-methylamino)-2,3,4,5-tetrahydro-1-benzoxepin-4-ol.

L7 ANSWER 111 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:509113 CAPLUS

DN 129:144857

TI Phalloidin derivatives and analogs to treat congestive heart failure or other cardiomyopathies

IN Boukatina, Anna E.; Campbell, Kenneth B.; Kunz, Lawrence L.; Kasina, Sudhakar; Theodore, Louis J.; Fritzberg, Alan R.

PA Washington State University Research Foundation, USA; Neorx Corp.

SO PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9831380	A1	19980723	WO 1998-US952	19980116
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
				US 1997-35452P P	19970116
	AU 9860300	A1	19980807	AU 1998-60300	19980116
				US 1997-35452P P	19970116
				WO 1998-US952 W	19980116

OS MARPAT 129:144857

AB A method to treat congestive heart failure with an analog or deriv. of phalloidin is provided. Also provided is a method to treat other cardiopathologies assocd. with reduced heart muscle contractile strength, as well as novel analogs or derivs. of phalloidin, pharmaceutical compns. comprising analogs or derivs. of phalloidin, and intermediates useful for prepg. analogs or derivs. of phalloidin.

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 112 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:455466 CAPLUS

DN 129:142535

TI Method for processing silver halide photographic material using a mercapto compound

IN Yoshida, Tetsuo; Watanabe, Harumi

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 41 pp.

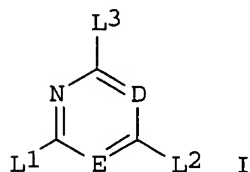
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 10186598	A2	19980714	JP 1996-350838	19961227
				JP 1996-350838	19961227
OS	MARPAT 129:142535				
GI					



AB Claimed method for processing photog. materials having surface pH of .ltoreq.6.0 comprises exposure followed by the development in presence of a mercapto compd. I (D, E = CH:, CR0:, N; R0 = substituent; L1-3 = H, halo, a group linked to the 6-membered ring through C, N, O, S, or P atom; at least one of substituents is SM; M = H, alkali metal atom, ammonium). Preferably, the developer soln. does not contain hydroquinone and does contain a reductone selected from ascorbic acid and related compds. The processing method provides high speed and high contrast, and generates little sludge during processing. Thus, a Ag(Br, Cl) photog. film contg. cross-linked acrylic acid/epoxy methacrylate copolymer (pH-controlling compd.) in the surface layer was processed by a developer soln. contg. 2,4-dimercapto-4-(N-carboxymethyl-N-methyl-aminomethyl)pyrimidine.

L7 ANSWER 113 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:455465 CAPLUS

DN **129:142534**

TI Method for processing silver halide photographic material using a developer containing a mercaptopyrimidine

IN Fukui, Kota; Sasaoka, Senzo; Yamada, Kosaburo

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 44 pp.

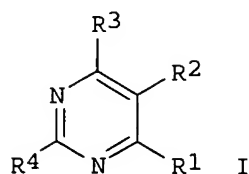
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 10186596	A2	19980714	JP 1996-340246	19961219
	US 5976758	A	19991102	US 1997-995146	19971219
				JP 1996-340246	19961219
OS	MARPAT 129:142534				
GI					



AB Claimed method for processing photog. material contg. a hydrazine deriv. in an emulsion layer or other hydrophilic colloid layer comprises imagewise exposure followed by development with a developer soln. of pH 9.0-10.5 contg. ascorbic acid, a 1-phenyl-3-pyrazolidone deriv. (auxiliary developing agent), a pyrimidine deriv. I (R1-4 = H, halo, a group linking with the pyrimidine nucleus through C, N, S, or P atom; at least one of R1-4 is mercapto group; R1 and R3 are not OH) and not contg. dihydroxybenzene. The process is free of dihydroxybenzene (hydroquinone) which is environmentally toxic, and provides high contrast images by a low pH and low replenishment process. Preferable nucleator is a polyiminiothioether deriv. having dialkylamino group at both terminals. Preferable developer soln. has the pH of .ltoreq.11.0 with the replenishment rate of .ltoreq.180 mL/m2. It provides a black-and-white Ag image with extremely high contrast and good tonal reprodn. quality. Thus, a graphic arts film contg. an 1-(2-carboxyethylcarbonyl)-2-[4-[3-(hexylthioethylureido)phenylsulfoamino]phenyl]hydrazine and bis(piperidin-1-yl-ethoxyethyl)thioether was developed by a developer soln. contg. Na erythorbate, 1-phenyl-4-methyl-4-hydroxymethyl-3-pyrazolidone and 2,6-dimercaptopyrimidine, and showed the mentioned advantages.

L7 ANSWER 114 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:424140 CAPLUS

DN 129:100033

TI Pharmaceutical composition for oral administration

IN Takahashi, Masayuki; Morita, Hiromi; Kikuchi, Hiroshi

PA Daiichi Pharmaceutical Co., Ltd., Japan; Takahashi, Masayuki; Morita, Hiromi; Kikuchi, Hiroshi

SO PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9826803	A1	19980625	WO 1997-JP4650	19971217
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9877357	A1	19980715	JP 1996-339638 A	19961219
AU 719076	B2	20000504	AU 1998-77357	19971217
JP 1996-339638 A 19961219				
WO 1997-JP4650 W 19971217				

EP 953359 A1 19991103 EP 1997-949114 19971217
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI

CN 1240363 A 20000105 JP 1996-339638 A 19961219
 WO 1997-JP4650 W 19971217
 CN 1997-180799 19971217
 JP 1996-339638 A 19961219
 WO 1997-JP4650 W 19971217
 JP 10231254 A2 19980902 JP 1997-349161 19971218
 JP 1996-339638 A 19961219
 NO 9902999 A 19990818 NO 1999-2999 19990618
 JP 1996-339638 A 19961219
 WO 1997-JP4650 W 19971217

OS MARPAT 129:100033

AB The invention relates to a pharmaceutical compn. for oral administration comprising a basic medicine and a lipophilic material and/or a cyclodextrin compd. This compn. can improve peroral absorption of a basic medicine which is less likely to be absorbed by oral administration.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 115 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:407864 CAPLUS

DN **129:128919**

TI Processing of silver halide photographic material for printing platemaking

IN Yoshida, Tetsuo; Watanabe, Harumi

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 28 pp.

CODEN: JKXXAF

DT Patent

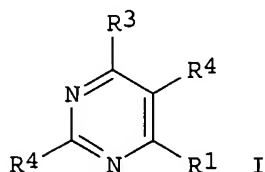
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 10171079	A2	19980626	JP 1996-336133	19961216
				JP 1996-336133	19961216

OS MARPAT 129:128919

GI



AB The title material, possessing .gtoreq.1 Ag halide emulsion layer and .gtoreq.1 protective layer contg. gelatin at .ltoreq.1.5 g/cm2 on a reflective support, is processed with a developing soln. contg. a pyrimidine deriv. I [R1-4 = H, halo, substituent which links to the ring by C, N, O, S or P atom, R1 and R3 are not OH and .gtoreq.1 of R1-4 is SM (M = H, alkali metal, ammonium)]. The material shows high contrast and low residual color stain, and Ag sludge formation is suppressed even if the replenishment rate of the developing soln. is low.

L7 ANSWER 116 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:392121 CAPLUS
 DN **129:74000**
 TI Photochromic electrostatic toner composition
 IN Martin, Trevor I.; Jennings, Carol A.; Johnson, Eric G.; Oliver, John F.
 PA Xerox Corp., USA
 SO U.S., 39 pp., Cont. of U. S. Ser. No. 567,589, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5759729	A	19980602	US 1997-839533	19970414
				US 1995-567589	19951205

OS MARPAT 129:74000
 AB Disclosed is a toner compn.. for the development of electrostatic latent images which comprises particles comprising a mixt. of a resin and a photochromic material. Another embodiment of the present invention is directed to a liq. developer compn. for the development of electrostatic latent images which comprises a nonaq. liq. vehicle and a photochromic material, wherein the liq. developer has a resistivity of from about 108 to about 1011 ohm-cm and a viscosity of from about 25 to about 500 cP. Yet another embodiment of the present invention is directed to a liq. developer compn. for the development of electrostatic latent images which comprises a nonaq. liq. vehicle, a charge control agent, and toner particles comprising a mixt. of a resin and a photochromic material.

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 117 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:333590 CAPLUS
 DN **129:41380**
 TI Processes for the diastereoselective synthesis of nucleoside analogs
 IN Mansour, Tarek; Tse, Allan H. L.
 PA Biochem Pharma Inc., Can.
 SO U.S., 13 pp., Cont.-in-part of U.S. Ser. No. 703,379, abandoned.
 CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5756706	A	19980526	US 1994-142389	19940513
				US 1991-703379 B2	19910521
				WO 1992-CA209 W	19920520
WO 9220696	A1	19921126	WO 1992-CA209	19920520	
W:	AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US				
RW:	AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
				US 1991-703379 A2	19910521
AU 9216913	A1	19921230	AU 1992-16913	19920520	
			US 1991-703379 A	19910521	
			WO 1992-CA209 A	19920520	
CZ 280857	B6	19960417	CZ 1993-2493	19920520	
			US 1991-703379 A	19910521	
			WO 1992-CA209 W	19920520	

PL 168910	B1	19960531	PL 1992-301339	19920520
			US 1991-703379 A	19910521
			WO 1992-CA209 W	19920520
IL 116176	A1	19980208	IL 1992-116176	19920520
			US 1991-703379 A	19910521
			IL 1992-101932 A3	19920520
RU 2105009	C1	19980220	RU 1993-58554	19920520
			US 1991-703379 A	19910521
			WO 1992-CA209 W	19920520
SK 279438	B6	19981104	SK 1993-1293	19920520
			US 1991-703379 A	19910521
			WO 1992-CA209 W	19920520
IL 116109	A1	19981227	IL 1992-116109	19920520
			US 1991-703379 A	19910521
			IL 1992-101931 A3	19920520
JP 2001354667	A2	20011225	JP 2001-136217	19920521
			US 1991-703379 A	19910521
			JP 1992-129155 A3	19920521
US 5744596	A	19980428	US 1995-464960	19950605
			US 1991-703379 B2	19910521
			US 1994-142389 A3	19940513
FI 9600286	A	19960119	FI 1996-286	19960119
			US 1991-703379 A	19910521
			WO 1992-CA211 W	19920520
			FI 1993-5151 A	19931119

PATENT FAMILY INFORMATION:

FAN 1993:213449

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 515156	A1	19921125	EP 1992-304551	19920520
	EP 515156	B1	19960207		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, PT, SE				
	ZA 9203640	A	19930224	US 1991-703379 A	19910521
				ZA 1992-3640	19920519
				US 1991-703379 A	19910521
	ZA 9203641	A	19930224	ZA 1992-3641	19920519
				US 1991-703379 A	19910521
	CA 2069024	AA	19921122	CA 1992-2069024	19920520
	CA 2069024	C	19970923		
				US 1991-703379 A	19910521
	CA 2069063	AA	19921122	CA 1992-2069063	19920520
	CA 2069063	C	19970715		
				US 1991-703379 A	19910521
	NO 9201988	A	19921123	NO 1992-1988	19920520
				US 1991-703379 A	19910521
	NO 9201989	A	19921123	NO 1992-1989	19920520
				US 1991-703379 A	19910521
	AU 9216394	A1	19921126	AU 1992-16394	19920520
	AU 655973	B2	19950119		
				US 1991-703379 A	19910521
	AU 9216395	A1	19921126	AU 1992-16395	19920520
	AU 668086	B2	19960426		
				US 1991-703379 A	19910521
	HU 67726	A2	19950428	HU 1993-3296	19920520
				US 1991-703379 A	19910521
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	AT 133958	E	19960215	AT 1992-304551	19920520

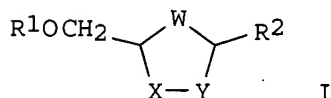
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IL 101932	A1	19970415	US 1991-703379 A	19910521
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CN 1229078	A	19990922	CN 1992-103924	19920521
CN 1109030	B	20030521	US 1991-703379 A	19910521
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FAN 1993:213450			JP 1992-129155	19920521
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			US 1991-703379 A	19910521
			APPLICATION NO.	DATE
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CA 2069024	AA	19921122	CA 1992-2069024 19920520
CA 2069024	C	19970923	
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CA 2069063	AA	19921122	CA 1992-2069063 19920520
CA 2069063	C	19970715	
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NO 9201988	A	19921123	NO 1992-1988 19920520
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NO 9201989	A	19921123	NO 1992-1989 19920520
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IL 101931	A1	19961205	IL 1992-101931 19920520
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CZ 284975	B6	19990414	CZ 1996-2224 19920520
			US 1991-703379 A 19910521
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CN 1038591	B	19980603	
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JP 05186465	A2	19930727	JP 1992-129155 19920521
JP 3229013	B2	20011112	

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TW 467907	B	20011211	TW 1999-88109374	19920602
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FI 9600286	A	19960119	US 1991-703379 A	19910521
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CN 1229078	A	19990922	CN 1998-122383	19981203
CN 1109030	B	20030521		
CN 1229079	A	19990922	US 1991-703379 A	19910521
CN 1097049	B	20021225	CN 1998-122384	19981203
			US 1991-703379 A	19910521
FAN 1998:8173				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 5696254	A	19971209	US 1994-142387	19940613
			US 1991-703379 B2	19910521
			WO 1992-CA211 W	19920520
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W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
AU 9216908	A1	19921230	US 1991-703379 A2	19910521
			AU 1992-16908	19920520
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PL 170869	B1	19970131	PL 1992-301340	19920520
			US 1991-703379 A	19910521
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			US 1991-703379 A	19910521
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			US 1991-703379 A	19910521
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FI 2000001900	A	20000829	FI 1993-5151 A	19931119
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OS CASREACT 129:41380; MARPAT 129:41380
GI



AB The present invention relates to highly diastereoselective processes for prodn. of cis-nucleosides and nucleoside analogs I (R1 = H, acyl; R2 = nucleobase, W = S, SO, SO2O, NR, CH2; R = H, OH, alkyl, acyl; X = O, S, SO, SO2O, NR, CH2, CH, CHN3, CHO; Y = O, S, CH2, CH, CHF, CHO; Z = H, OH, alkyl, acyl) in high optical purity, and intermediates useful in those processes. Thus, asym. prepn. of .beta.-L-2',3'-dideoxycytidine from 5-oxo-2R-tetrahydrofuran carboxylic acid via coupling with N4-acetylcytosine, is reported.

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 118 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:246683 CAPLUS

DN 128:283084

TI Preparation of piperidine-keto-carboxylic acid derivatives and their use as inhibitors of cysteine proteases

IN Lubisch, Wilfried; Moeller, Achim; Delzer, Juergen

PA BASF A.-G., Germany

SO Ger. Offen., 16 pp.

CODEN: GWXXBX

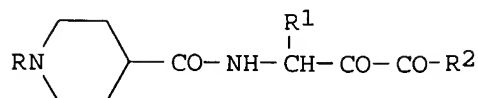
DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19642591	A1	19980416	DE 1996-19642591	19961015
	WO 9816512	A1	19980423	WO 1997-EP5202	19970923
	W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

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AU 736754	B2	20010802	AU 1997-47770 19970923
EP 934273	A1	19990811	DE 1996-19642591A 19961015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO			WO 1997-EP5202 W 19970923
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			DE 1996-19642591A 19961015
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			DE 1996-19642591A 19961015
			WO 1997-EP5202 W 19970923
OS			
GI			
			MARPAT 128:283084



I

AB Title compds. [(I); R = COR₃; SO₂R₃; CONHR₃; COOR₃; C(:N)R₃; CONHR₃; CSNHR₃; R₃ = (un)branched (un)substituted alkyl; R₁ = (un)branched alkyl, which can be substituted with (un)substituted Ph, pyridine, or naphthyl rings; R₂ = OR₅; NHR₅; R₅ = H, (un)substituted Ph] are prepd. for use as inhibitors of cysteine proteases such as calpain and cathepsins B and L (no data). Thus, piperidin-4-carboxylic acid is treated with cinnamic acid chloride, the product treated with L-valine Me ester hydrochloride; after de-esterification, the intermediate is condensed with oxalic acid Et ester chloride to yield I (R = (E)-PhCH:CHCO; R₁ = CH(CH₃)₂; R₂ = OEt) (36%).

L7 ANSWER 119 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:239218 CAPLUS
 DN **128:294698**
 TI Thio acid-derived monocyclic N-heterocyclics as anticoagulants
 IN Kochanny, Monica J.; Morrissey, Michael M.; Ng, Howard P.
 PA Schering Aktiengesellschaft, Germany
 SO PCT Int. Appl., 83 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9815547	A1	19980416	WO 1997-EP5231	19970924
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	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
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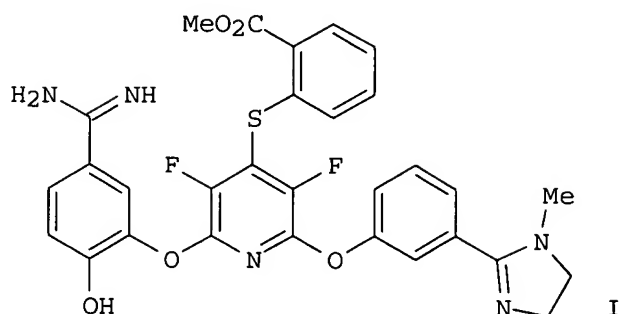
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OS MARPAT 128:294698

GI



AB The invention is directed to a variety of monocyclic N-heterocyclics which are substituted by acyclic or cyclic thio derivs. The compds. are selective inhibitors of human factor Xa and thrombin, and are useful as anti-coagulants (no data). This invention is also directed to pharmaceutical compns. contg. the compds., and methods of using them to treat thrombotic disease states. For instance, pentafluoropyridine underwent thioetherification in the 4-position using Me thiosalicylate (98%), etherification in the 2-position with 2-(benzyloxy)-5-cyanophenol (82%), etherification in the 6-position with 3-(1-methyl-2-imidazolin-2-yl)phenol (85%), and Pinner reaction of the nitrile function with concomitant debenzoylation, to give title compd. I, isolated as the CF₃CO₂H salt.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 120 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:208540 CAPLUS

DN 128:257333

TI Preparation of heterocyclic compounds as new antidotes in herbicidal compositions

IN Tobler, Hans; Szczepanski, Henry; Fory, Werner

PA Novartis A.-G., Switz.; Tobler, Hans; Szczepanski, Henry; Fory, Werner

SO PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9813361	A1	19980402	WO 1997-EP5252	19970924
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RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR, NE, SN, TD, TG

AU 9747780	A1	19980417	CH 1996-2359	A	19960926
			AU 1997-47780		19970924
			CH 1996-2359	A	19960926
EP 929543	A1	19990721	WO 1997-EP5252	W	19970924
EP 929543	B1	20011031	EP 1997-910351		19970924
R: DE, FR, GB					
			CH 1996-2359	A	19960926
			WO 1997-EP5252	W	19970924
ZA 9708579	A	19980326	ZA 1997-8579		19970925
			CH 1996-2359	A	19960926
US 6294504	B1	20010925	US 1999-269453		19990624
			CH 1996-2359	A	19960926
			WO 1997-EP5252	W	19970924

OS MARPAT 128:257333

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. [I; R1 = H, C1-4 alkyl, NO2, etc.; R2 = H, halo, CF3, etc.; R3 = H, halo, C1-4 alkyl; U, V, W and Z = O, S, C(O), etc., with the proviso that at least one of U, V, W or Z = C(O), and one ring member which is adjacent to this or these ring members signifies the group C:CHOC(R4)(R5)C(O)A; and two adjacent ring members U and V, V and W, and W and Z can not simultaneously signify O; R4, R5 = H, C1-8 alkyl; R4R5 = C2-6 alkylene; A = YR7, NR18R19; Y = O, S; R7 = H, C1-8 alkyl, C1-8-haloalkyl, etc.; R18 = H, C1-8 alkyl, Ph, etc.; R19 = H, C1-8 alkyl, C3-6 alkenyl, C3-6 alkynyl; R18R19 = C4-5 alkylene; m = 0-2], useful as antidotes in herbicidal compns. for the control of weeds and grasses in useful plant cultivations, as well as compns. having selective herbicide activity, which contain the compd. I, and as herbicides the compds. of formulas II-VII (wherein W0, R21, Z0, B, n, R22-R24, E, R31-R35, A1, B1, A2, B2, R36, G, R48 and R49 have the significances given in the description), were prepd. Treatment of 3H-2-benzopyran-3-one-1,4-dihydro-4-hydroxymethylene with NaH in DMF followed by addn. of bromoacetic acid Me ester afforded compd. I [R1-R3 = H; U = CH2; V = O; m = 1; W = C(O); Z = C:CHOCH2CO2Me] which showed post-emergent phytotoxic activity of 6 in a nine-stage appraisal scale (1 = complete damage, 9 = no effect) when used as antidote at 250 g/ha in mixt. with clodinafop (5 g/ha) on maize.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 121 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:126271 CAPLUS

DN 128:192940

TI Preparation of amidino-substituted peptides as thrombin inhibitors

IN Baucke, Dorit; Lange, Udo; Mack, Helmut; Seitz, Werner; Zierke, Thomas; Hoffken, Hans Wolfgang; Hornberger, Wilfried

PA BASF Aktiengesellschaft, Germany; Baucke, Dorit; Lange, Udo; Mack, Helmut; Seitz, Werner; Zierke, Thomas; Hoffken, Hans Wolfgang; Hornberger, Wilfried

SO PCT Int. Appl., 69 pp.
CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

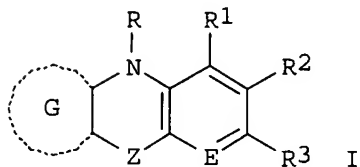
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9806741	A1	19980219	WO 1997-EP4104	19970729
W: AL, AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19632773	A1	19980219	DE 1996-19632773A	19960814
AU 9739417	A1	19980306	DE 1996-19632773	19960814
AU 735364	B2	20010705	AU 1997-39417	19970729
DE 1996-19632773A 19960814				
WO 1997-EP4104 W 19970729				
BR 9711191	A	19990817	BR 1997-11191	19970729
DE 1996-19632773A 19960814				
WO 1997-EP4104 W 19970729				
CN 1228783	A	19990915	CN 1997-197391	19970729
DE 1996-19632773A 19960814				
EP 956294	A1	19991117	EP 1997-936672	19970729
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO				
DE 1996-19632773A 19960814				
WO 1997-EP4104 W 19970729				
JP 2000516598	T2	20001212	JP 1998-509340	19970729
DE 1996-19632773A 19960814				
WO 1997-EP4104 W 19970729				
RU 2175328	C2	20011027	RU 1999-104925	19970729
DE 1996-19632773A 19960814				
WO 1997-EP4104 W 19970729				
ZA 9707239	A	19990215	ZA 1997-7239	19970813
DE 1996-19632773A 19960814				
US 6114358	A	20000905	US 1999-242289	19990210
DE 1996-19632773A 19960814				
WO 1997-EP4104 W 19970729				
NO 9900662	A	19990212	NO 1999-662	19990212
DE 1996-19632773A 19960814				
WO 1997-EP4104 W 19970729				
KR 2000030002	A	20000525	KR 1999-701279	19990213
DE 1996-19632773A 19960814				
OS	MARPAT 128:192940			
AB	Compds. having formula A-B-E-D-Y [I; A = R1(CH2)mCR2R3(CH2)n; m, n = 0-2; R1 = HO2C, H3C(CH2)0-5OCO, substituted alkyloxycarbonyl, OH; R2 = H, alkyl, R1(CH2)m; R3 = H, alkyl; B = NR4CR5R6CO; R4 = H, alkyl, R1(CH2)m; R5 = H, alkyl; R6 = H, alkyl, (substituted)phenyl; R4R6 = ring; E = 2-carbonyldihydropyrrole, 2-carbonyltetrahydropyridine; D = NR9CR92X; R9 = H, alkyl; X = (substituted) oxazole, pyrazole, oxadiazole, thiazole, thiophene, furan, thiadiazole; Y = C(:NH)NH2, CN, CSNH2] are prepd. for treating illnesses relating to the proteolytic action of thrombin (no data). Thus, I [A = HO2CCH2; B = N-cyclohexyl-D-alanine; E = 3,4-dehydro-L-proline; D = 5-thienylmethylamino; Y = C(:NH)NH2] was synthesized in 5 steps from 3,4-dehydro-L-proline, 5-aminomethyl-2-cyanothiophene.cntdot.HCl and N-BocCH2-N-Boc-D-cyclohexylalanine (Boc = Me3CO2C).			

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 122 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:126254 CAPLUS
DN **128:204878**
TI Preparation of pyrazinobenzothiazine derivatives and analogs for the treatment of inflammation and autoimmune diseases
IN Kaneko, Toshihiko; Clark, Richard; Ohi, Norihito; Ozaki, Fumihiro; Kawahara, Tetsuya; Kamada, Atsushi; Okano, Kazuo; Yokohama, Hiromitsu; Muramoto, Kenzo; Arai, Tohru; Ohkuro, Masayoshi; Takenaka, Osamu; Sonoda, Jiro
PA Eisai Co., Ltd., Japan; Kaneko, Toshihiko; Clark, Richard; Ohi, Norihito; Ozaki, Fumihiro; Kawahara, Tetsuya; Kamada, Atsushi; Okano, Kazuo; Yokohama, Hiromitsu; et al.
SO PCT Int. Appl., 1344 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9806720	A1	19980219	WO 1997-JP2787	19970808
W: AU, CA, CN, HU, JP, KR, MX, NO, NZ, RU, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9737849	A1	19980306	JP 1996-210344 A	19960809
			AU 1997-37849	19970808
			JP 1996-210344 A	19960809
			WO 1997-JP2787 W	19970808
ZA 9707103	A	19990208	ZA 1997-7103	19970808
			JP 1996-210344 A	19960809
EP 934941	A1	19990811	EP 1997-934750	19970808
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
			JP 1996-210344 A	19960809
			WO 1997-JP2787 W	19970808
US 6518423	B1	20030211	US 1999-230852	19990405
			JP 1996-210344 A	19960809
			WO 1997-JP2787 W	19970808

OS MARPAT 128:204878
GI



AB The title compds. I [R1 to R3 are the same or different and each represents hydrogen, optionally substituted lower alkyl, optionally substituted cycloalkyl, etc., provided that when R1 to R3 are all optionally substituted lower alkyl groups, they do not simultaneously represent Me groups; R represents hydrogen, lower alkyl, etc.; E represents N, C, etc.; Z represents O, S, SO, SO2, etc.; and the ring G represents an optionally substituted heteroaryl ring having at least one

nitrogen atom] are prepd. I are useful in the treatment and prevention of inflammatory immunol. diseases, autoimmune diseases, rheumatism, collagen disease, asthma, nephritis, ischemic reflow disorders, psoriasis, atopic dermatitis or rejection reactions following organ transplantation. The compd. (syn)-[3-(10H-pyrazino[2,3-b][1,4]benzothiazin-8-ylmethyl)-3-azabicyclo[3.3.1]nona-9-yl]acetic acid (II) at 10 mg/kg orally gave 65% inhibition of carrageenin-induced inflammation in rats. II in vitro showed IC₅₀ of 2.3 .mu.M against the expression of ICAM-1.

RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 123 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:95103 CAPLUS

DN 128:180278

TI Preparation of cephalosporins as bactericides against methicillin-resistant Staphylococcus aureus

IN Takagi, Hiroyasu; Yotsuji, Minako; Jinna, Hiroshi; Matsukura, Hiroko; Murakami, Makoto; Minami, Shinsaburo; Watanabe, Yasuo

PA Toyama Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 26 pp.

CODEN: JKXXAF

DT Patent

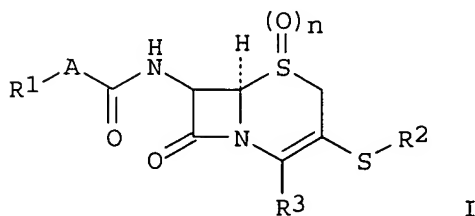
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10036375	A2	19980210	JP 1996-213083	19960724
				JP 1996-213083	19960724

OS MARPAT 128:180278

GI



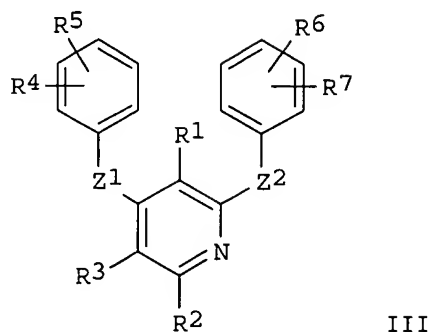
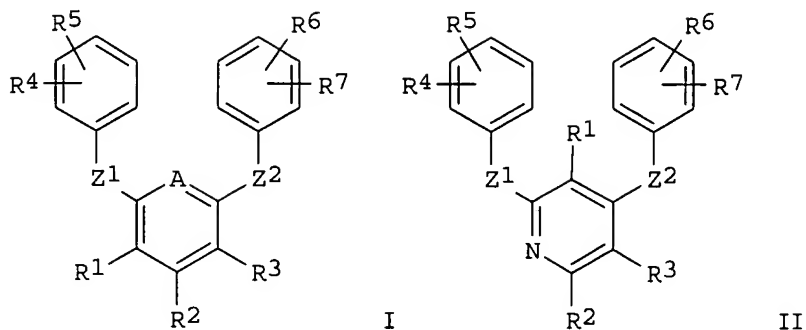
AB Title compds. I [R1 = (substituted) alkylthio, aryl, arylthio, aryloxy, heterocyclyl; A = (protected) amino, (OH-, hydroxyimino-, or alkoxyimino-substituted) methylene, R2 = (substituted) pyrimidinyl, quinazolinyl, purinyl, pyrazolo[3,4-d]pyrimidinyl, pyrazolo[4,3-d]pyrimidinyl, [1,2,3]triazolo[4,5-d]pyrimidinyl, pteridinyl; R3 = (protected) CO₂H, carboxylate; n = 0, 1] are prepd. 4-Aminopyrimidine-2-thiol (39 mg) was treated MeONa/MeOH under ice cooling for 10 min and treated with 200 mg diphenylmethyl 7-phenylacetamido-3-trifluoromethylsulfonyloxy-3-cephem-4-carboxylate 1.beta.-oxide in MeOH-DMF at -10.degree. for 10 min to give 160 mg I (R1A = PhCH₂, R2 = 4-aminopyrimidin-2-yl, R3 = CO₂CHPh₂, n = 1). I (R1A = PhCH₂, R2 = 4-aminopyrimidin-2-yl, R3 = CO₂Na, n = 0) in vitro controlled Staphylococcus aureus FDA 209P and S. aureus F-597 with MIC of 0.2 and 3.13 .mu.g/mL, resp.

L7 ANSWER 124 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:761738 CAPLUS
 DN **128:48245**
 TI Preparation of benzamidine derivatives as anticoagulants
 IN Buckman, Brad O.; Davey, David D.; Guilford, William J.; Morrissey, Michael M.; Ng, Howard P.; Phillips, Gary B.; Wu, Shung C.; Xu, Wei
 PA Berlex Laboratories, Inc., USA
 SO U.S., 46 pp., Cont.-in-part of U.S. Ser. No. 401,829, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5691364	A	19971125	US 1995-473385	19950607
				US 1995-401829 B2	19950310
	CA 2214685	AA	19960919	CA 1996-2214685	19960308
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
	WO 9628427	A1	19960919	WO 1996-US2641	19960308
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				US 1995-401829 A	19950310
				US 1995-473385 A2	19950607
	AU 9652994	A1	19961002	AU 1996-52994	19960308
	AU 707323	B2	19990708		
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
				WO 1996-US2641 W	19960308
	EP 813525	A1	19971229	EP 1996-909536	19960308
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
				WO 1996-US2641 W	19960308
	US 5877181	A	19990302	US 1997-910774	19970813
				US 1995-401829 B2	19950310
				US 1995-473385 A3	19950607
	US 5883100	A	19990316	US 1997-910614	19970813
				US 1995-401829 B2	19950310
				US 1995-473385 A3	19950607
	US 5889005	A	19990330	US 1997-910876	19970813
				US 1995-401829 B2	19950310
				US 1995-473385 A3	19950607
	US 6034103	A	20000307	US 1997-910609	19970813
				US 1995-401829 B2	19950310
				US 1995-473385 A3	19950607
	US 6306884	B1	20011023	US 1999-436399	19991108
				US 1995-401829 B2	19950310
				US 1995-473385 A2	19950607
				WO 1996-US2641 W	19960308
				US 1997-913241 A3	19971208
	US 6350746	B1	20020226	US 1999-457457	19991208
				US 1995-401829 B2	19950310
				US 1995-473385 A3	19950607
				US 1997-910609 A3	19970813

PATENT FAMILY INFORMATION:
 FAN 1996:701501

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628427	A1	19960919	WO 1996-US2641	19960308
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5691364	A	19971125	US 1995-401829 A	19950310
				US 1995-473385 A2	19950607
	AU 9652994	A1	19961002	US 1995-473385	19950607
	AU 707323	B2	19990708	US 1995-401829 B2	19950310
				AU 1996-52994	19960308
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
				WO 1996-US2641 W	19960308
EP 813525	A1	19971229	EP 1996-909536		19960308
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
				WO 1996-US2641 W	19960308
JP 2000515846	T2	20001128	JP 1996-527640		19960308
			US 1995-401829 A		19950310
			WO 1996-US2641 W		19960308
US 6004981	A	19991221	US 1997-913241		19971208
			WO 1996-US2641 W		19960308
US 6306884	B1	20011023	US 1999-436399		19991108
			US 1995-401829 B2		19950310
			US 1995-473385 A2		19950607
			WO 1996-US2641 W		19960308
			US 1997-913241 A3		19971208
US 2002028820	A1	20020307	US 2001-924893		20010807
			WO 1996-US2641 W		19960308
			US 1997-913241 A3		19971208
			US 1999-436399 A3		19991108
US 2002035109	A1	20020321	US 2001-924413		20010807
US 6479485	B2	20021112			
			WO 1996-US2641 W		19960308
			US 1997-913241 A3		19971208
			US 1999-436399 A3		19991108
US 2002032223	A1	20020314	US 2001-924412		20010808
US 6465459	B2	20021015			
			WO 1996-US2641 W		19960308
			US 1997-913241 A3		19971208
			US 1999-436399 A3		19991108
OS	MARPAT 128:48245				
GI					



AB The title compds. [I-III; A = N; Z1, Z2 = O, S; R1, R3 = H, halo, alkyl, haloalkyl, etc.; R2 = H, halo, alkyl, haloalkyl, etc.; R4, R7 = H, halo, alkyl, NO₂, etc.; R5 = C(:NH)NH₂, C(:NH)NHOR₈, etc.; R6 = (un)substituted (1,2)-imidazolyl or (1,2)-imidazoliny; R8 = H, alkyl, aryl, etc.] are prepd. I-III are useful as anticoagulants for treatment of disease-states characterized by thrombotic activity. Thus, 3,3'-[2,6-pyridinylbis(oxy)]bis(benzonitrile) (prepn. given) was treated with HCl to give the title compd. 3,3'-[2,6-pyridinylbis(oxy)]bis(benzamidine).2HCl. A formulation contg. I-III were prepd.

L7 ANSWER 125 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:752814 CAPLUS
 DN **128:19713**
 TI Synergistic antimicrobial enzymic peroxidase compositions
 IN Johansen, Charlotte
 PA Novo Nordisk A/s, Den.; Johansen, Charlotte
 SO PCT Int. Appl., 75 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9742825	A1	19971120	WO 1997-DK205	19970506
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB,				

GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,
ML, MR, NE, SN, TD, TG

			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
AU 9726933	A1	19971205	AU 1997-26933	19970506
			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
			WO 1997-DK205	W 19970506
EP 912097	A1	19990506	EP 1997-920611	19970506
EP 912097	B1	20020807		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
			WO 1997-DK205	W 19970506
JP 2000512267	T2	20000919	JP 1997-540399	19970506
			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
			WO 1997-DK205	W 19970506
AT 221729	E	20020815	AT 1997-920611	19970506
			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
			WO 1997-DK205	W 19970506
US 2002119136	A1	20020829	US 2001-815848	20010323
			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
			WO 1997-DK205	A119970506
			US 1998-174956	B319981019

OS MARPAT 128:19713

AB Enzymic compns. comprising a Coprinus peroxidase, hydrogen peroxide or a source of hydrogen peroxide, and an enhancing agent such as an electron donor, e.g. phenothiazine-10-propionic acid; 2,2'-azino-bis(3-ethylbenzothiazoline-6-sulfonate); acetosyringate; Cl-8-alkylsyringate; or a water-sol. halide or thiocyanate salt, such as potassium iodide, have synergistic antimicrobial properties, useful e.g. for inhibiting or killing microorganisms present in laundry, on human or animal skin, hair, mucous membranes, oral cavities, teeth, wounds, bruises; and on hard surfaces; and can be used as a disinfectant, a preservative for cosmetics, and for cleaning, disinfecting or inhibiting microbial growth on process equipment, used for e.g. water treatment, food processing, chem. or pharmaceutical processing, paper pulp processing, and water sanitation. A recombinantly-produced peroxidase from *C. macrorrhizus* or *C. cinereus* is esp. useful. The DNA sequence for this peroxidase, is given.

L7 ANSWER 126 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:720114 CAPLUS

DN **128:13253**

TI Fused pyridine N-hydroxy carboxamide derivatives and analogs as inhibitors of metalloproteases, process for their preparation, and pharmaceutical compositions containing them

IN De Nanteuil, Guillaume; Paladino, Joseph; Remond, Georges; Atassi, Ghanem; Pierre, Alain; Tucker, Gordon; Bonnet, Jacqueline; Sabatini, Massimo

PA Adir Et Compagnie, Fr.

SO Eur. Pat. Appl., 31 pp.

CODEN: EPXXDW

DT Patent

LA French

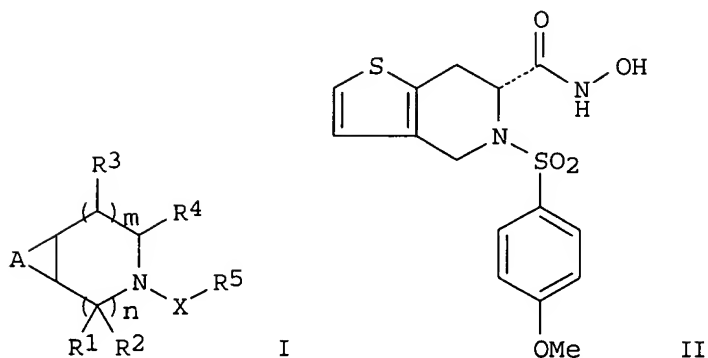
FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI	EP 803505	A1	19971029	EP 1997-400913	19970423
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	FR 2748026	A1	19971031	FR 1996-5321	A 19960426
	FR 2748026	B1	19980605	FR 1996-5321	19960426
	NO 9701862	A	19971027	NO 1997-1862	19970423
				FR 1996-5321	A 19960426
	CA 2203618	AA	19971026	CA 1997-2203618	19970424
	CA 2203618	C	20020528		
				FR 1996-5321	A 19960426
	AU 9719121	A1	19971030	AU 1997-19121	19970424
	AU 713680	B2	19991209		
				FR 1996-5321	A 19960426
	ZA 9703647	A	19971119	ZA 1997-3647	19970425
				FR 1996-5321	A 19960426
	CN 1165817	A	19971126	CN 1997-109728	19970425
				FR 1996-5321	A 19960426
	JP 10059936	A2	19980303	JP 1997-108954	19970425
				FR 1996-5321	A 19960426
	US 5866587	A	19990202	US 1997-842982	19970425
				FR 1996-5321	A 19960426
OS	CASREACT 128:13253; MARPAT 128:13253				
GI					

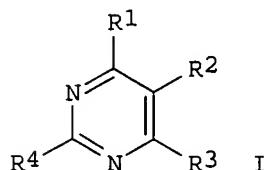


AB Title compds. I are disclosed [wherein m, n = 0, 1, 2; R1, R2 = H, alkyl, aralkyl, aryl; or R1R2 = O, alkylene; R3 = H, alkyl, OH, alkoxy, or aryl; R4 = CONR6OR6', CSNR6OR6', C(:NH)NR6OR6', CO2R7, NHCONHOH, NHCH2CO2R7, CH(NHR7')CO2R7, CH(CO2R7)2; X = SO2, CO, SO2NH; R5 = alkyl (optionally bearing halo, OH, alkoxy, aryl, or CO2R7), cycloalkyl, aryl, or heterocyclyl; R6, R6' = H or alkyl; R7, R7' = H, alkyl, aralkyl; A = fused arom. (with provisos) or heterocyclic ring]. I are metalloprotease inhibitors, potentially useful for treatment of cancer, rheumatoid arthritis, atherosclerosis, etc. Examples include 30 syntheses of I, 19 prophetic compds., 4 biol. screens for selected compds., and a formulation. For instance, (R)-4,5,6,7-tetrahydrothieno[3,2-c]pyridine-6-carboxylic acid hydrochloride underwent a sequence of N-sulfonylation with 4-MeOC6H4SO2Cl, amidation with H2NOCH2CH:CH2.HCl, and Pd-mediated deallylation, to give preferred title compd. II. In tests for protection of guinea pig cartilaginous matrix against IL-1.beta.-induced degrdn., II gave 98% protection of collagens and 45% protection of proteoglycans.

L7 ANSWER 127 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:699013 CAPLUS
 DN **128:28562**
 TI Developer and method for processing of silver halide photographic material
 IN Watanabe, Harumi; Sasaki, Hirotomo
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 40 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09274290	A2	19971021	JP 1996-325522	19961205
			JP 1996-21280	19960207

OS MARPAT 128:28562
 GI



AB The title developer soln. contains 0.3-1.5 mol/L a carbonate as main developer and .gtoreq.1 I (R1-4 = substituent; at least 1 of R1-R4 is mercapto group) preferably 0.01-10 mmol/L. The invention can reduce Ag pollution without affecting photog. properties.

L7 ANSWER 128 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:549379 CAPLUS
 DN **127:162011**
 TI Preparation of heterocycle-condensed morphinoid derivatives for use as analgesics
 IN Dondio, Giulio; Ronzoni, Silvano; Gatti, Pier Andrea; Graziani, Davide
 PA Smithkline Beecham S.P.A., Italy; Dondio, Giulio; Ronzoni, Silvano; Gatti, Pier Andrea; Graziani, Davide
 SO PCT Int. Appl., 49 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

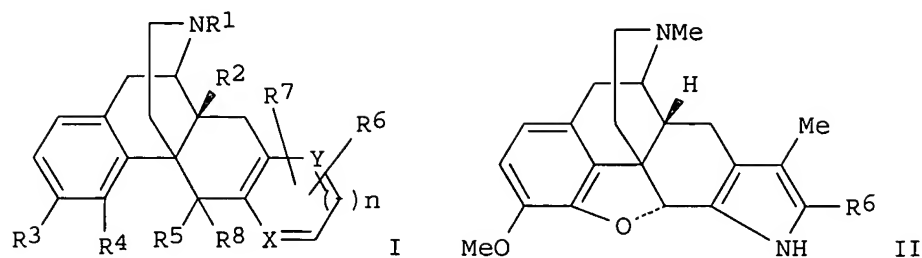
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9725331	A1	19970717	WO 1997-EP120	19970108

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

IT 1996-MI29 A 19960110

CA 2242609	AA	19970717	IT 1996-MI2291 A 19961105 CA 1997-2242609 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 AU 1997-14410 19970108
AU 9714410	A1	19970801	
AU 706370	B2	19990617	IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 EP 1997-901009 19970108
EP 880526	A1	19981202	
EP 880526	B1	20021218	
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO			
CN 1213372	A	19990407	IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 CN 1997-192879 19970108
CN 1090190	B	20020904	
BR 9707136	A	19990831	IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 BR 1997-7136 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 NZ 1997-326331 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 JP 1997-524871 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 AT 1997-901009 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 ES 1997-901009 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 ZA 1997-172 19970109 IT 1996-MI29 A 19960110 NO 1998-3169 19980709 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 US 1999-101213 19990222 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108
NZ 326331	A	20000128	
JP 2000503019	T2	20000314	
AT 229958	E	20030115	
ES 2188888	T3	20030701	
ZA 9700172	A	19980709	
NO 9803169	A	19980909	
US 6365594	B1	20020402	

OS MARPAT 127:162011
GI



AB Substituted mono heterocycle-condensed morphinoid derivs. I [R¹ = H, alkyl, cycloalkyl, alkenyl, aryl, aralkyl; R² = H, OH, alkoxy, halogen, NO₂, amino, SH; R³ = H, alkyl, OH, alkoxy, halogen; R⁴ = R⁵ = H, OH, alkoxy, OPh; or R⁴R⁵ = O; R⁶ = carboxamide, acyl, thioacyl, carboxyl; R⁷ = H, alkyl, alkenyl, halogen; R⁸ = H, alkyl; X = Y = CH, O, S, NR¹; n = 0, 1], potent and selective delta opioid agonists and antagonists, were prepd for use as analgesics and for treating pathol. conditions which, customarily, can be treated with agonists and antagonists of the delta opioid receptor. Thus, morphinoid II [R⁶ = CON(CHMe₂)CH₂Ph] was prepd. by cyclization of 7,8-dihydrocodeinone and N-benzyl-N-isopropyl-2-phenylhydrazone. The morphinoid compds. showed affinities for the delta receptor ranging from 0.5 to 200 nM with delta selectivity ranging from 20 - 1500 times with respect to other opioid receptor types.

L7 ANSWER 129 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:499188 CAPLUS

DN **127:161844**

TI Preparation of pyrido-1,2,4-thiadiazines and pyrido-1,4-thiazines as openers of the KATP-regulated potassium channels

IN Pirotte, Bernard; Lebrun, Philippe; De Tullio, Pascal; Somers, Fabian; Delarge, Jacques Elie; Hansen, Holger Claus; Nielsen, Flemming Elmelund; Hansen, John Bondo

PA Novo Nordisk A/S, Den.

SO PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DT Patent

LA English

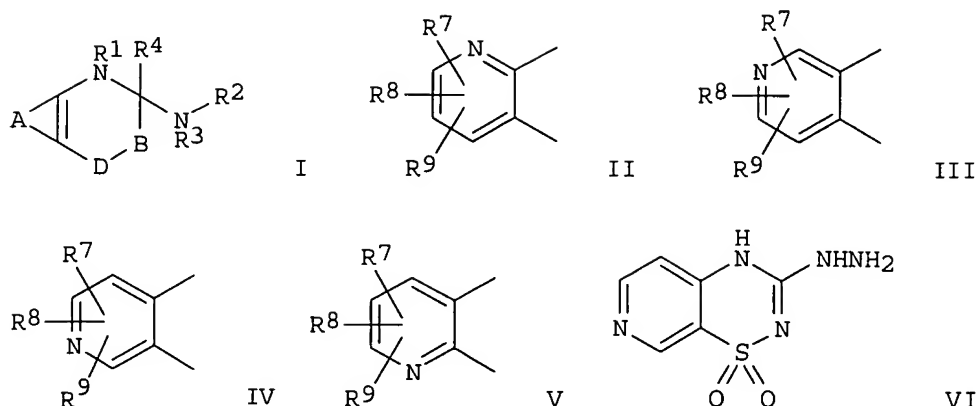
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9726264	A1	19970724	WO 1997-DK18	19970116
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
			DK 1996-42	A 19960117
			DK 1996-246	A 19960305
			DK 1996-247	A 19960305
			DK 1996-248	A 19960305
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			DK 1996-42	A 19960117

			DK 1996-246	A 19960305
			DK 1996-247	A 19960305
			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
AU 9714370	A1	19970811	AU 1997-14370	19970116
AU 727905	B2	20010104		
			DK 1996-42	A 19960117
			DK 1996-246	A 19960305
			DK 1996-247	A 19960305
			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
			WO 1997-DK18	W 19970116
ZA 9700353	A	19980218	ZA 1997-353	19970116
			DK 1996-42	A 19960117
EP 877748	A1	19981118	EP 1997-900933	19970116
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			DK 1996-42	A 19960117
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			WO 1997-DK18	W 19970116
CN 1208418	A	19990217	CN 1997-191748	19970116
			DK 1996-42	A 19960117
			DK 1996-246	A 19960305
			DK 1996-247	A 19960305
			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
BR 9707004	A	19990720	BR 1997-7004	19970116
			DK 1996-42	A 19960117
			DK 1996-246	A 19960305
			DK 1996-247	A 19960305
			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
			WO 1997-DK18	W 19970116
JP 2000503651	T2	20000328	JP 1997-525608	19970116
			DK 1996-42	A 19960117
			DK 1996-246	A 19960305
			DK 1996-247	A 19960305
			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
			WO 1997-DK18	W 19970116
RU 2193564	C2	20021127	RU 1998-115386	19970116
			DK 1996-42	A 19960117
			DK 1996-246	A 19960305
			DK 1996-247	A 19960305
			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
			WO 1997-DK18	W 19970116
US 5792764	A	19980811	US 1997-785435	19970117
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			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
			NO 1998-3285	19980716
NO 9803285	A	19980916	DK 1996-42	A 19960117

DK 1996-246 A 19960305
 DK 1996-247 A 19960305
 DK 1996-248 A 19960305
 DK 1996-249 A 19960305
 WO 1997-DK18 W 19970116

OS MARPAT 127:161844
 GI



AB The title compds. [I; B = NR₅, CR₅R₆ (wherein R₅, R₆ = H, OH, C1-6 alkoxy, etc.; R₅R₄ = a bond); D = S(O₂), S(O); DB = S(O)(R₁₀):N (wherein R₁₀ = C1-6 alkyl, (un)substituted aryl, heteroaryl); R₁ = H, OH, C1-6 alkoxy, etc.; R₂ = H, OH, C1-6 alkyl, etc.; R₃ = aryl, heteroaryl, bicycloalkyl, etc.; R₂R₃ = 3-12 membered ring or bicyclic system; A together with carbon atoms forms a pyridine ring selected from II, III, IV, V (wherein R₇-R₉ = H, halo, C1-12 alkyl, etc.)], useful in the treatment of diseases of the central nervous system, the cardiovascular system, pulmonary system, the gastrointestinal system and the endocrinol. system (such as hyperinsulinemia and diabetes), were prepd. and formulated. Thus, reaction of 3-methylsulfanyl-4H-pyrido[4,3-e]-1,2,4-thiadiazine 1,1-dioxide.H₂O with N₂H₄.H₂O afforded the title compd. VI which showed 75% residual insulin released from incubated pancreatic islets isolated by the collagenase method from fed female albino Wistar rats at 50 .mu.M.

L7 ANSWER 130 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:397336 CAPLUS

DN **127:17703**

TI Preparation of (hetero)aromatic compounds for treating bone deficit conditions.

IN Petrie, Charles; Orme, Mark W.; Baindur, Nand; Robbins, Kirk G.; Harris, Scott M.; Kontoyianni, Maria; Hurley, Laurence H.; Kerwin, Sean M.; Mundy, Gregory R.

PA Zymogenetics, Inc., USA; Osteoscreen, Inc.; University of Texas At Austin
 SO PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DT Patent

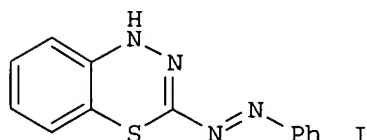
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9715308	A1	19970501	WO 1996-US17019	19961023

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 RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

CA 2235481	AA	19970501	US 1995-5830P P 19951023 CA 1996-2235481 19961023 US 1995-5830P P 19951023 AU 1996-74710 19961023
AU 9674710	A1	19970515	
AU 706262	B2	19990610	US 1995-5830P P 19951023 WO 1996-US17019W 19961023 EP 1996-936906 19961023
EP 866710	A1	19980930	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI US 1995-5830P P 19951023 WO 1996-US17019W 19961023 CN 1996-197827 19961023 US 1995-5830P P 19951023 BR 1996-11210 19961023 US 1995-5830P P 19951023 WO 1996-US17019W 19961023 JP 1997-516761 19961023 US 1995-5830P P 19951023 WO 1996-US17019W 19961023 US 1997-878868 19970619 US 1995-5830P P 19951023 US 1996-735875 B1 19961023 NO 1998-1810 19980422 US 1995-5830P P 19951023 WO 1996-US17019W 19961023 US 1999-453828 19991202 US 1995-5830P P 19951023 US 1996-735875 B1 19961023 US 1997-878868 A3 19970619
CN 1201393	A	19981209	
BR 9611210	A	19991228	
JP 2000513324	T2	20001010	
US 6008208	A	19991228	
NO 9801810	A	19980622	
US 6413998	B1	20020702	
OS	MARPAT 127:17703		
GI			



AB A method for treating deficient bone growth and/or undesirable bone resorption comprises administration of compds. comprising 2 (substituted) arom. systems spaced apart by a linker of 1.5-15 .ANG., is claimed. Thus, dithizone was refluxed in EtOH/HOAc for 18 h to give 25% title compd. (I). In a calvarial bone growth assay, I induced a 4-fold increase in width of new calvarial bone vs. controls.

L7 ANSWER 131 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:375288 CAPLUS

DN 127:81360

TI Preparation of dibenz[de,h]isoquinoline-1,3-diones antitumor agents
 IN Alberts, David S.; Dorr, Robert T.; Remers, William A.; Sami, Salah M.
 PA Research Corporation Technologies, Inc., USA
 SO U.S., 39 pp., Cont.-in-part of U.S. Ser. No. 943,634, abandoned.
 CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5635506	A	19970603	US 1993-142283	19931118
			US 1990-543596 B1	19900626
			US 1991-803314 B2	19911204
			US 1992-943634 B2	19920911
			WO 1993-US8640 W	19930913
WO 9406771	A1	19940331	WO 1993-US8640	19930913
W:	AU, CA, JP, US			
RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
			US 1992-943634 A2	19920911

PATENT FAMILY INFORMATION:

FAN 1992:214369

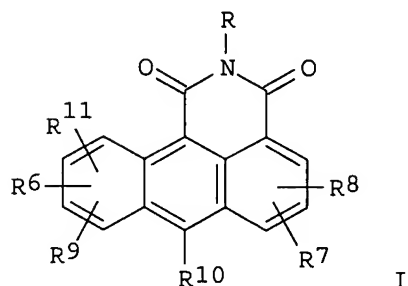
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9200281	A1	19920109	WO 1991-US4364	19910619
W:	AU, CA, JP			
RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE			
CA 2085598	AA	19911227	US 1990-543596 A	19900626
CA 2085598	C	20020917	CA 1991-2085598	19910619
			US 1990-543596 A	19900626
AU 9180501	A1	19920123	AU 1991-80501	19910619
AU 643539	B2	19931118		
			US 1990-543596 A	19900626
			WO 1991-US4364 A	19910619
EP 536208	A1	19930414	EP 1991-911663	19910619
EP 536208	B1	19980121		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE			
			US 1990-543596 A	19900626
			WO 1991-US4364 W	19910619
JP 05508639	T2	19931202	JP 1991-511780	19910619
JP 2992769	B2	19991220		
			US 1990-543596 A	19900626
			WO 1991-US4364 W	19910619
AT 162526	E	19980215	AT 1991-911663	19910619
			US 1990-543596 A	19900626
ES 2113886	T3	19980516	ES 1991-911663	19910619
			US 1990-543596 A	19900626

FAN 1995:319736

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9406771	A1	19940331	WO 1993-US8640	19930913
W:	AU, CA, JP, US			
RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
			US 1992-943634 A2	19920911
AU 9351278	A1	19940412	AU 1993-51278	19930913
			US 1992-943634 A	19920911
			WO 1993-US8640 W	19930913

EP 660824	A1	19950705	EP 1993-922191	19930913
R: AT, BE, CH, DE, DK, ES, FR, GB, IE, IT, LI, NL, SE				
			US 1992-943634 A	19920911
			WO 1993-US8640 W	19930913
JP 08501312	T2	19960213	JP 1993-508237	19930913
			US 1992-943634 A	19920911
			WO 1993-US8640 W	19930913
US 5635506	A	19970603	US 1993-142283	19931118
			US 1990-543596 B1	19900626
			US 1991-803314 B2	19911204
			US 1992-943634 B2	19920911
			WO 1993-US8640 W	19930913

OS MARPAT 127:81360
GI



AB Title compds. [I; R = Z1Z1NR12R13; R6,R8,R10 = H, halo, alkyl, alkoxy, etc.; R7,R9,R11 = H or alkyl; R9R11,R9R10,R7R10 = CH:CHCH:CH; R12,R13 = H or (un)substituted Ph; NR12R13 = heterocyclyl; Z1 = bond, alkylene, arylene; Z2 = bond; Z2R12 = atoms to form a heterocyclic ring] were prepd. Thus, anthracene-1,9-dicarboxylic acid was treated with acetic anhydride and the product cyclocondensed with H2NCH2CH2NMe2 to give I (R = CH2CH2NMe2, R6-R11 = H). Data for biol. activity of I were given.

L7 ANSWER 132 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:278986 CAPLUS

DN **126:251151**

TI Preparation and formulation of benzodioxoleacetic acid and phenylacetic acid derivatives as endothelin antagonists

IN Hayashi, Kunio; Yamamori, Teruo; Kanda, Yasuhiko

PA Shionogi and Co., Ltd., Japan; Hayashi, Kunio; Yamamori, Teruo; Kanda, Yasuhiko

SO PCT Int. Appl., 104 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

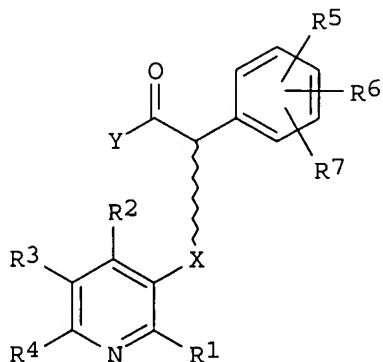
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9710214	A1	19970320	WO 1996-JP2607	19960912
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

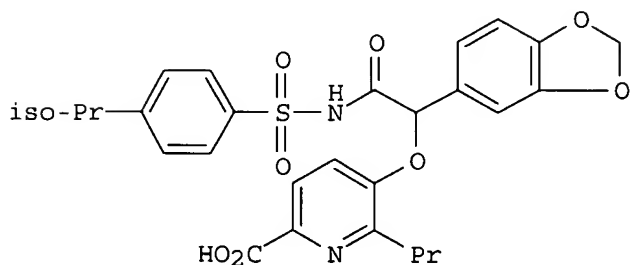
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI

AU 9669446	A1	19970401	JP 1995-262337	19950914
			AU 1996-69446	19960912
			JP 1995-262337	19950914
			WO 1996-JP2607	19960912

OS MARPAT 126:251151
GI



I



II

AB The title compds. I [R1 to R7 represent each hydrogen, halogeno, optionally substituted lower alkyl, etc.; and X represents O, S or NR15; R15 represents hydrogen or optionally substituted lower alkyl; Y = OH, NHSO2Z; Z = (un)substituted aryl, etc.] are prepd. In the in vitro test for endothelin A receptor antagonism, the title compd. II showed IC50 of 2.4 nM. In the test for endothelin B receptor antagonism, the title compd. II showed IC50 of 290 nM.

L7 ANSWER 133 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:94070 CAPLUS

DN 126:103115

TI Peptide analogs and their use as haptens to elicit catalytic antibodies

IN Hansen, David E.

PA Igen, Inc., USA

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI WO 9639443 A1 19961212 WO 1996-US9450 19960605
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE,
ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS,
LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,
SE, SG
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN
US 1995-471140 19950606
AU 9661001 A1 19961224 AU 1996-61001 19960605
US 1995-471140 19950606
WO 1996-US9450 19960605

OS MARPAT 126:103115

AB Haptens capable of eliciting antibodies which can catalyze chem. reactions
comprise a hapten or a hapten and a suitable carrier mol. In particular,
spiro[4.4]nonane contg. dipeptide analogs, which mimic both a
torsionally-distorted peptide ground state and the transition state for
peptide bondhydrolysis, are described, along with methods of their
synthesis and their coupling with amino acids of the D-configuration are
described. Antibodies which are catalytically active for chem. reactions,
in particular, the cleavage or formation of a selected peptide bond, and
which are elicited by such antigens are disclosed as well as methods for
producing the antibodies and methods for catalyzing the cleavage or
formation of a peptide bond in a mol.

L7 ANSWER 134 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:88536 CAPLUS

DN 126:112509

TI Electrochemiluminescent metal chelate labels and means for detection

IN Yang, Hongjun; Gudibande, Satyanarayana R.

PA Igen, Inc., USA

SO PCT Int. Appl., 50 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

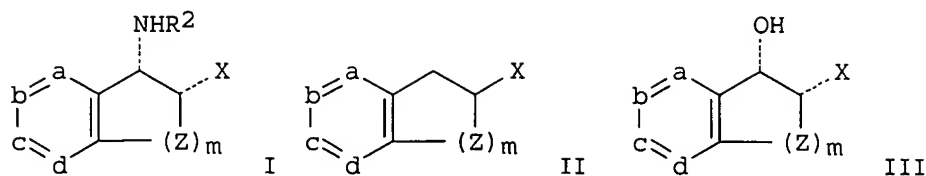
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 9635697	A1	19961114	WO 1996-US6404	19960507
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			US 1995-436537	19950508
AU 9658543	A1	19961129	AU 1996-58543	19960507
			US 1995-436537	19950508
			WO 1996-US6404	19960507

OS MARPAT 126:112509

AB A biomol. conjugate is disclosed which comprises one or more
electrochemiluminescent organometallic compds. attached to one or more
resp. target substances. The organometallic compds. comprise a
phenanthroline ligand and a ruthenium or osmium atom. Methods are
disclosed for detecting low concns. of the conjugate using
electrochemiluminescent means. These methods form the basis for app. for
performing rapid, efficient, and sensitive detn. of a broad array of
chem., biochem., and biol. materials of interest.

L7 ANSWER 135 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:69866 CAPLUS
 DN 126:88342
 TI Preparation of hydroxy compounds by bioconversion with dioxygenase
 IN Blacker, Andrew John; Boyd, Derek Raymond; Dalton, Howard; Bowers, Nigel
 PA Zeneca Limited, UK; Blacker, Andrew John; Boyd, Derek Raymond; Dalton, Howard; Bowers, Nigel
 SO PCT Int. Appl., 18 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9637628	A1	19961128	WO 1996-GB1208	19960520
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				GB 1995-11370	A 19950606
	CA 2216248	AA	19961128	CA 1996-2216248	19960520
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				GB 1995-11370	A 19950606
	AU 9657725	A1	19961211	AU 1996-57725	19960520
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				GB 1995-11370	A 19950606
				WO 1996-GB1208	W 19960520
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	EP 828848	B1	20020327		
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				GB 1995-11370	A 19950606
				WO 1996-GB1208	W 19960520
	JP 11511655	T2	19991012	JP 1996-535478	19960520
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	AT 215126	E	20020415	AT 1996-914321	19960520
				GB 1995-10836	A 19950527
				GB 1995-11370	A 19950606
				WO 1996-GB1208	W 19960520
	ES 2175092	T3	20021116	ES 1996-914321	19960520
				GB 1995-10836	A 19950527
				GB 1995-11370	A 19950606
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OS	CASREACT 126:88342; MARPAT 126:88342				
GI					



AB A process for prepg. a compd. of formula I in which R2 is -H; which comprises the steps: (i) conversion of a compd. of formula II into a compd. of formula III using a dioxygenase enzyme; (ii) conversion of the compd. of formula III into a compd. of formula I wherein R2 is -COR; and (iii) conversion of the compd. of formula I in which R2 is -COR into a compd. of formula I in which R2 is -H; wherein a, b, c, and d are each independently selected from CH and CY, or 1 of them is N and the others are selected from CH and CY, X and Y are each independently a substituent other than H, Z is CH₂, CHR, CRR₁, O, NH, NR, C=O, or CHX, R and R₁ are each independently alkyl, aryl, or aralkyl, and m is 0-4. Also claimed are individual steps of the process and new compds. of formula III.

L7 ANSWER 136 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:49293 CAPLUS

DN **126:157762**

TI Preparation of indolopyrrolocarbazole nucleoside analogs as antitumors

IN Kojiri, Katsuhisa; Kondo, Hisao; Arakawa, Hiroharu; Ohkubo, Mitsuru; Suda, Hiroyuki

PA Banyu Pharmaceutical Co., Ltd., Japan

SO U.S., 40 pp., Cont.-in-part of U.S. Ser. No. 5,437,996.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 6

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			WO 1995-JP868 W	19950502

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FAN 1993:671636

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AU 9229637	A1	19930603	AU 1992-29637 19921126
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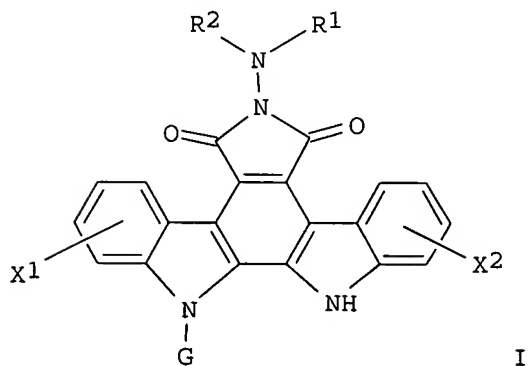
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FAN 1994:629009			
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			JP 1994-119483 A	19940509
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FAN 1998:590732				
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OS MARPAT 126:157762
GI



AB Indolopyrrocarbazole nucleoside analogs I (R1, R2 = H, alkyl, alkenyl, arom hydrocarbon, heterocycle; aminoalkyl; G = sugar; X1, X2 = H, halogen, NH2, alkoxy, alkylamino, OH) were prepd. and showed excellent antitumor activity as evidenced by in vitro proliferation inhibiting activity against mouse leukemia cell, human gastric cancer cell, human lung cancer cell and human colon cancer cell. Thus, I (R1 = H, R2 = CHO; G = .beta.-D-glucopyranosyl; X1 = X2 = OH) was prepd. and tested as antitumor (dosage of 0.3-100 mg/kg/day; MST = 16.8-52.4).

L7 ANSWER 137 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:41865 CAPLUS

DN 126:59967

TI Preparation of 2-pyrimidino alkyl ethers and thioethers as inhibitors of viral reverse transcriptase

IN Nugent, Richard A.; Wishka, Donn G.; Cleek, Gary J.; Graber, David R.; Schlachter, Stephen Thomas; Murphy, Michael J.; Morris, Joel; Thomas,

Richard C.

PA Upjohn Co., USA; Nugent, Richard A.; Wishka, Donn G.; Cleek, Gary J.;
 Graber, David R.; Schlachter, Stephen Thomas; Murphy, Michael J.; Morris,
 Joel; Thomas, Richard C.

SO PCT Int. Appl., 252 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

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	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR				
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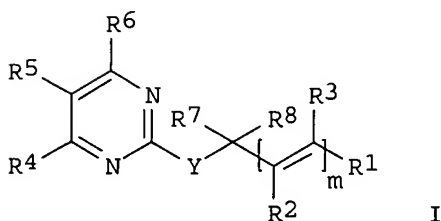
PATENT FAMILY INFORMATION:

FAN 2000:205644

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 US 1995-436708 A219950508

OS MARPAT 126:59967
 GI



AB The title compds. [I; R1 = C.tplbond.CH, 2-pyridylcarbonyl, benzoyl, etc.; R2, R3 = H, C1-4 alkyl; R4 = H, OH, NH2, etc.; R5 = H, C2H4OH, halo, etc.; R6 = H, OH, halo, etc.; R7 = H, C1-6 alkyl, C3-6 cycloalkyl, etc.; R8 = H, C1-6 alkyl, CF3; Y = S, SO, SO2, O; m = 0-1], useful as anti-AIDS drugs, were prepd. Thus, treatment of 4-amino-6-chloro-2-thiopyrimidine in EtOH with 3.25N NaOH followed by addn. of 4-chloro-2-chloromethylpyridine afforded I [R1 = 4-chloro-2-pyridyl; R4 = Cl; R5, R7, R8 = H; R6 = NH2; m = 0] which showed IC50 of 0.03 .mu.M against P236L reverse transcriptase.

L7 ANSWER 138 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:731810 CAPLUS

DN 126:8707

TI Preparation of beta-sheet mimetics of peptides or proteins as inhibitors of biologically active peptides or proteins

IN Kahn, Michael

PA Molecumetics Ltd., USA

SO PCT Int. Appl., 158 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9630035	A1	19961003	WO 1996-US4044	19960325
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN US 1995-410518 A 19950324 US 1995-549006 A 19951027 CA 2215695 AA 19961003 CA 1996-2215695 19960325				

CA 2215720	AA	19961003	US 1995-410518 A 19950324 US 1995-549006 A 19951027 CA 1996-2215720 19960325 US 1995-410518 A 19950324 US 1995-549006 A 19951027 AU 1996-53714 19960325
AU 9653714	A1	19961016	US 1995-410518 A 19950324 US 1995-549006 A 19951027 WO 1996-US4044 W 19960325
AU 712581	B2	19991111	EP 1996-910547 19960325
EP 817642	A1	19980114	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI
JP 10508034	T2	19980804	US 1995-410518 A 19950324 US 1995-549006 A 19951027 WO 1996-US4044 W 19960325 JP 1996-529567 19960325 US 1995-410518 A 19950324 US 1995-549006 A 19951027 WO 1996-US4044 W 19960325
JP 2000319295	A2	20001121	JP 2000-79170 19960325 US 1995-410518 A 19950324 US 1995-549006 A 19951027 JP 1996-529594 A3 19960325
ES 2161354	T3	20011201	ES 1996-910566 19960325 US 1995-410518 A 19950324 US 1995-549006 A 19951027
US 6020331	A	20000201	US 1998-9386 19980120 US 1995-410518 B2 19950324 US 1995-549006 B2 19951027
US 6245764	B1	20010612	US 1996-624695 B1 19960325 US 1998-9665 19980120 US 1995-410518 B2 19950324 US 1995-549006 B2 19951027 US 1996-624690 B2 19960325 US 1996-725073 B1 19961002
US 6586426	B1	20030701	US 1999-443055 19991118 US 1995-410518 B2 19950324 US 1995-549006 B2 19951027 US 1996-624695 B1 19960325 US 1998-9386 A3 19980120

PATENT FAMILY INFORMATION:

FAN 1996:731812

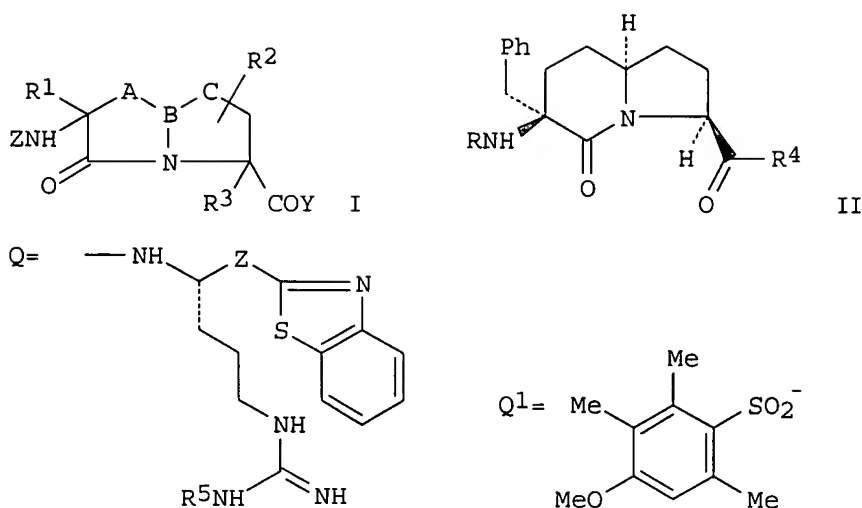
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9630396	A1	19961003	WO 1996-US4115	19960325
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	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN			
	AU 9653729	A1	19961016	US 1995-410518 A 19950324	
	AU 713530	B2	19991202	AU 1996-53729 19960325	
				US 1995-410518 A 19950324 US 1995-549006 A 19951027 WO 1996-US4115 W 19960325	

EP 815123	A1	19980107	EP 1996-910566	19960325
EP 815123	B1	20011004		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			US 1995-410518 A	19950324
			US 1995-549006 A	19951027
			WO 1996-US4115 W	19960325
JP 10508035	T2	19980804	JP 1996-529594	19960325
			US 1995-410518 A	19950324
			US 1995-549006 A	19951027
			WO 1996-US4115 W	19960325
JP 2000319295	A2	20001121	JP 2000-79170	19960325
			US 1995-410518 A	19950324
			US 1995-549006 A	19951027
			JP 1996-529594 A3	19960325
AT 206433	E	20011015	AT 1996-910566	19960325
			US 1995-410518 A	19950324
			US 1995-549006 A	19951027
			WO 1996-US4115 W	19960325
US 6020331	A	20000201	US 1998-9386	19980120
			US 1995-410518 B2	19950324
			US 1995-549006 B2	19951027
			US 1996-624695 B1	19960325
US 6245764	B1	20010612	US 1998-9665	19980120
			US 1995-410518 B2	19950324
			US 1995-549006 B2	19951027
			US 1996-624690 B2	19960325
			US 1996-725073 B1	19961002
US 6586426	B1	20030701	US 1999-443055	19991118
			US 1995-410518 B2	19950324
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			US 1998-9386 A3	19980120
FAN 1998:112235				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 9805333	A1	19980212	WO 1997-US13622	19970805
W: AL, AM, AT, AU, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
			US 1996-692420 A	19960805
			US 1996-725073 A	19961002
			US 1997-797915 A	19970210
			US 1997-47067P P	19970519
AU 9739058	A1	19980225	AU 1997-39058	19970805
AU 732174	B2	20010412		
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			US 1996-725073 A	19961002
			US 1997-797915 A	19970210
			US 1997-47067P P	19970519
			WO 1997-US13622W	19970805
EP 915700	A1	19990519	EP 1997-936371	19970805
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, FI

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			US 1996-725073 A 19961002
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			US 1997-797915 A 19970210
			US 1997-47067P P 19970519
			WO 1997-US13622W 19970805
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			US 1995-410518 B219950324
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			US 1996-624690 B219960325
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NO 9900522	A	19990330	NO 1999-522 19990204
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			US 1996-725073 A 19961002
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			US 1997-47067P P 19970519
			WO 1997-US13622W 19970805
KR 2000029838	A	20000525	KR 1999-700994 19990205
			US 1996-692420 A 19960805
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			US 1997-47067P P 19970519
US 6372744	B1	20020416	US 2000-501052 20000209
			US 1996-692420 B219960805
			US 1997-797915 B219970210
			US 1997-47067P P 19970519
			WO 1997-US13622A219970805
US 2003027819	A1	20030206	US 1998-22934 A319980212
			US 2001-960864 20010921
			US 1996-692420 B319960805
			US 1997-797915 B319970210
			US 1997-47067P P 19970519
			WO 1997-US13622W 19970805
			US 1998-22934 A319980212
			US 2000-501052 A120000209

OS MARPAT 126:8707
GI



AB There are disclosed .beta.-sheet mimetics [I; R1 - R3 = amino acid side chain moiety or its deriv.; A = CO, (CH2)1-4, (CH2)1-2-O, (CH2)1-2-S; B = N, CH; C = CO, (CH2)1-3, O, S, O(CH2)1-2, S(CH2)1-2; Y, Z = the remainder of the mol.; or any 2 adjacent CH groups of the bicyclic ring may form a double bond] and methods relating to the same for imparting or stabilizing the .beta.-sheet structure of a peptide, protein or mol. In one aspect, the .beta.-sheet mimetics are covalently attached at the end or within the length of the peptide or protein. The .beta.-sheet mimetics have utility as inhibitors of one or more of proteases, kinases, CAAX motif (Ras prenylation of the Cys within its C-terminal CAAX sequence by farnesyl transferase, wherein "A" is defined as an amino acid with a hydrophobic side chain and "X" is another amino acid), peptides binding to SH2 domains, and MHC-I and/or MHC-II (major histocompatibility complex class I and class II) presentation of peptides to T cell receptors in warm-blooded animals. Thus, azabicyclo[4.3.0]nonane deriv. (II; R = Boc, R4 = OH) (prepn. given) was condensed with benzothiazolylarginol deriv. (H-Q.CF3CO2H; R5 = Q1, Z = CHOH) using 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride, HOBt, and (Me2CH)2NEt in THF to give arginol deriv. II (R = Boc, R4 = Q, R5 = Q1 Z = CHOH), which was oxidized by Dess-Martin periodinane in CH2Cl2 to arginine deriv. II (R = Boc, R4 = Q, R5 = Q1 Z = CO) and deprotected 95% aq. CF3CO2H and thioanisole at room temp. for 20 h to give, after HPLC purifn., the .beta.-sheet mimetic II (R = H, R4 = Q, R5 = H, Z = CO). The latter compd. in vitro inhibited various serine proteases such as thrombin, factor VII, factor X, factor XI, urokinase, thrombin-thrombomodulin complex, activated protein C, plasmin, tissue plasminogen activator, trypsin, and tryptase, e.g. with Ki of 8.50 .times. 10⁻¹¹ M for thrombin.

L7 ANSWER 139 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:716174 CAPLUS

DN 125:331558

TI Indoanilines and their metal complexes, their preparation, and recording mediums comprising them

IN Ohashi, Reiji; Ryu, Yukiko; Nagai, Tomoaki; Yoshioka, Hidetoshi

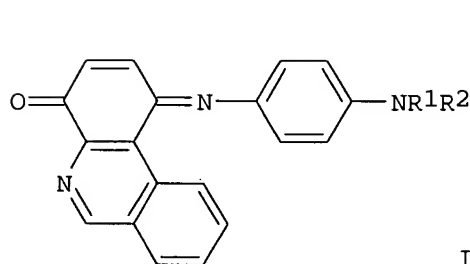
PA Nippon Paper Industries Co., Ltd., Japan

SO Eur. Pat. Appl., 102 pp.

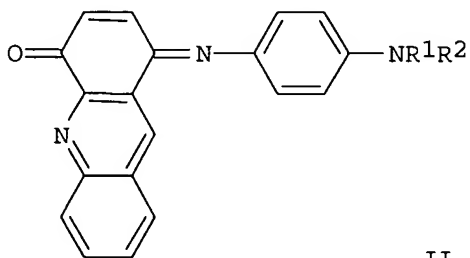
CODEN: EPXXDW

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 737722	A2	19961016	EP 1996-105788	19960412
	EP 737722	A3	19961023		
	R: DE, FR, GB				
	JP 08337586	A2	19961224	JP 1995-113580 A	19950414
	JP 3271893	B2	20020408	JP 1996-94672	19960326
	US 5792863	A	19980811	JP 1995-113580 A	19950414
	US 5892042	A	19990406	US 1996-631947	19960415
				JP 1995-113580 A	19950414
				US 1997-933609	19970918
				JP 1995-113580 A	19950414
				US 1996-631947 A3	19960415
	US 5919928	A	19990706	US 1997-933604	19970918
				JP 1995-113580 A	19950414
				US 1996-631947 A3	19960415
OS	CASREACT 125:331558; MARPAT 125:331558				
GI					



I



II

AB Metal complexes of indoanilines I and II (R1, R2 = H, alkyl, aryl, or NR1R2 forms a heterocycle with the N in a 5- or 6-membered ring; the unfused benzene ring may bear 1-4 electron-donating substituents and the acridine or phenanthridine moiety may bear 1-7 electron-withdrawing substituents) have a large absorption in the near-IR range and a reduced absorption in the visible range, which makes them useful for forming an image in a transparent recording medium by use of a near-IR laser. Thus, 2-HOC6H4NH2 was condensed with 2-ClC6H4CHO and the product cyclized to give 4-hydroxyphenanthridine, which was oxidatively coupled with 4,3-H2NMeC6H3NEt2.HCl by use of AgNO3 and NH4OH to give I (R1 = R2 = Et; Me on benzene ring ortho to imine N). This was complexed with Cu(ClO4)2 to give black crystals with .lambda.max in acetone 795 nm (.epsilon. 163,000).

L7 ANSWER 140 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:701501 CAPLUS

DN **125:328514**

TI Preparation of benzimidine derivatives as anticoagulants

IN Buckman, Brad O.; Davey, David D.; Guilford, William J.; Morrissey, Michael M.; Ng, Howard P.; Phillips, Gary B.; Wu, Shung C.; Xu, Wei

PA Berlex Laboratories, Inc., USA

SO PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9628427	A1	19960919	WO 1996-US2641	19960308
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RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5691364	A	19971125	US 1995-401829 A	19950310
			US 1995-473385 A2	19950607
			US 1995-473385	19950607
			US 1995-401829 B2	19950310
AU 9652994	A1	19961002	AU 1996-52994	19960308
AU 707323	B2	19990708		
			US 1995-401829 A	19950310
			US 1995-473385 A	19950607
			WO 1996-US2641 W	19960308
EP 813525	A1	19971229	EP 1996-909536	19960308
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			US 1995-401829 A	19950310
			US 1995-473385 A	19950607
			WO 1996-US2641 W	19960308
JP 2000515846	T2	20001128	JP 1996-527640	19960308
			US 1995-401829 A	19950310
			WO 1996-US2641 W	19960308
US 6004981	A	19991221	US 1997-913241	19971208
			WO 1996-US2641 W	19960308
US 6306884	B1	20011023	US 1999-436399	19991108
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			US 1995-473385 A2	19950607
			WO 1996-US2641 W	19960308
			US 1997-913241 A3	19971208
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			WO 1996-US2641 W	19960308
			US 1997-913241 A3	19971208
			US 1999-436399 A3	19991108
US 2002035109	A1	20020321	US 2001-924413	20010807
US 6479485	B2	20021112		
			WO 1996-US2641 W	19960308
			US 1997-913241 A3	19971208
			US 1999-436399 A3	19991108
US 2002032223	A1	20020314	US 2001-924412	20010808
US 6465459	B2	20021015		
			WO 1996-US2641 W	19960308
			US 1997-913241 A3	19971208
			US 1999-436399 A3	19991108

PATENT FAMILY INFORMATION:

FAN 1997:761738

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5691364	A	19971125	US 1995-473385	19950607
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CA 2214685	AA	19960919	CA 1996-2214685	19960308
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			US 1995-473385 A	19950607
WO 9628427	A1	19960919	WO 1996-US2641	19960308

W: AU, CA, JP, US

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

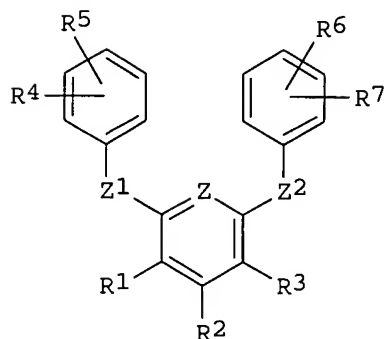
US 1995-401829 A 19950310
 US 1995-473385 A219950607
 AU 9652994 A1 19961002 AU 1996-52994 19960308
 AU 707323 B2 19990708

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 US 1995-473385 A 19950607
 WO 1996-US2641 W 19960308
 EP 813525 A1 19971229 EP 1996-909536 19960308

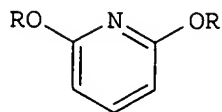
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI

US 5877181 A 19990302 US 1995-401829 A 19950310
 US 5883100 A 19990316 US 1995-473385 A 19950607
 US 5889005 A 19990330 WO 1996-US2641 W 19960308
 US 6034103 A 20000307 US 1997-910774 19970813
 US 6306884 B1 20011023 US 1995-401829 B219950310
 US 6350746 B1 20020226 US 1995-473385 A319950607
 US 1997-910614 19970813
 US 1995-401829 B219950310
 US 1995-473385 A319950607
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 US 1995-473385 A319950607
 US 1997-910609 19970813
 US 1995-401829 B219950310
 US 1995-473385 A319950607
 US 1999-436399 19991108
 US 1995-401829 B219950310
 US 1995-473385 A219950607
 WO 1996-US2641 W 19960308
 US 1997-913241 A319971208
 US 1999-457457 19991208
 US 1995-401829 B219950310
 US 1995-473385 A319950607
 US 1997-910609 A319970813

OS MARPAT 125:328514
 GI



I



II

AB Title compds., e.g., I [R1,R3 = H, halo, alkyl, alkoxy, etc.; R2 = H, halo, alkyl, OR8, etc.; R4,R7 = H, halo, alkyl, OR8, etc.; R5 = C(:NH)NH2, C(:NH)NHOR8, C(:NH)NHCOR8, etc.; R6 = halo, alkyl, haloalkoxy, etc.; R8 =

H, (ar)alkyl, aryl; Z = CR11 or N; R11 = H, halo, alkyl; Z1,Z2 = O, NR8, S, OCH2] were prepd. as anticoagulants (no data). Thus, 2,6-difluoropyridine was bis-etherified bu 3-(NC)C6H4OH and the product treated successively with HCl and NH3 to give title compd. II.2HCl [R = C6H4[C(:NH)NH2]-3].

L7 ANSWER 141 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:672656 CAPLUS
 DN **125:328144**
 TI Stereoselective ring opening reactions
 IN Jacobsen, Eric N.; Leighton, James L.; Martinez, Luis E.
 PA President and Fellows of Harvard College, USA
 SO PCT Int. Appl., 100 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628402	A1	19960919	WO 1996-US3493	19960314
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	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML				
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	AU 9653639	A1	19961002	AU 1996-53639	19960314
	AU 708622	B2	19990805		
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	US 6262278	B1	20010717	US 1998-134393	19980814

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				US 2001-899516 A120010705
FAN 2000:133645				
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PI WO 2000009463	A1	20000224	WO 1999-US18305	19990813
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RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
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			US 1996-622549 A219960325	
CA 2339618	AA	20000224	CA 1999-2339618	19990813
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
AU 9956732	A1	20000306	AU 1999-56732	19990813
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			WO 1999-US18305W	19990813
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			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
FAN 2001:521942				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 6262278	B1	20010717	US 1998-134393	19980814
			US 1995-403374 A219950314	
			US 1996-622549 A219960325	
US 5665890	A	19970909	US 1995-403374	19950314
US 5929232	A	19990727	US 1996-622549	19960325
			US 1995-403374 A219950314	
CA 2339618	AA	20000224	CA 1999-2339618	19990813
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
WO 2000009463	A1	20000224	WO 1999-US18305	19990813
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
			US 1998-134393 A	19980814
AU 9956732	A1	20000306	AU 1999-56732	19990813
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
EP 1104395	A1	20010606	EP 1999-943685	19990813

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

JP 2002522515	T2	20020723	US 1998-134393 A 19980814
			WO 1999-US18305W 19990813
			JP 2000-564918 19990813
			US 1998-134393 A 19980814
			WO 1999-US18305W 19990813
US 2002032338	A1	20020314	US 2001-899516 20010705
US 6448414	B2	20020910	
			US 1995-403374 A219950314
			US 1996-622549 A219960325
			US 1998-134393 A119980814
US 2003139614	A1	20030724	US 2002-206143 20020726
			US 1995-403374 A219950314
			US 1996-622549 A219960325
			US 1998-134393 A119980814
			US 2001-899516 A120010705

OS CASREACT 125:328144; MARPAT 125:328144

AB The title process comprises reacting a nucleophile and a chiral or prochiral carbocyclic or heterocyclic substrate having a center susceptible to nucleophilic attack in the presence of a chiral catalyst comprising an asym. tetradentate ligand complexed with a metal atom to produce a stereoisomerically or regioselectively enriched product. Thus, 3,4-epoxycyclopentanone (prepn. given) was treated with Me₃SiN₃ in Et₂O contg. a catalyst of the invention (prepn. given) and the product treated with Al₂O₃ to give (R)-4-trimethylsilyloxy-2-cyclopentenone of >94% e.e. in 77% overall yield.

L7 ANSWER 142 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:580023 CAPLUS

DN **125:208295**

TI Photographic bleaching compositions and processing method using ternary iron carboxylate complexes as bleaching agents

IN Buchanan, John M.; Brown, Eric R.; Gordon, Stuart

PA Eastman Kodak Company, USA

SO Eur. Pat. Appl., 25 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

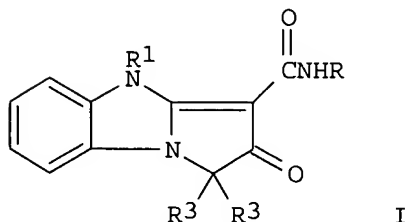
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 723194	A1	19960724	EP 1996-200028	19960105
	EP 723194	B1	20010926		
			R: BE, CH, DE, FR, GB, IT, LI, NL		
				US 1995-370997 A	19950110
	US 5582958	A	19961210	US 1995-370997	19950110
	JP 08240893	A2	19960917	JP 1996-2344	19960110
	JP 2801575	B2	19980921		
				US 1995-370997 A	19950110

OS MARPAT 125:208295

AB A photog. bleaching or bleach/fixing compn. contains a water-sol. ternary complex of an iron ion, a polycarboxylate ligand, and a second ligand which has at least one carboxyl group on an arom. nitrogen heterocycle, such as a pyridinecarboxylic acid. Preferred materials are biodegradable, but all of the ternary complexes can be used in a variety of bleach or bleach/fix processes to good advantage as bleaching agents. They are particularly suitable for use in rehalogenating ferric chelate bleaches.

L7 ANSWER 143 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:392057 CAPLUS
 DN **125:114628**
 TI 2-Oxopyrrolo[1,2-a]benzimidazole-3-carboxyl derivatives useful in treating central nervous system disorders
 IN Ho, Winston; Maryanoff, Bruce E.; McComsey, David F.; Nortey, Samuel O.
 PA USA
 SO U.S., 9 pp., Cont. of U.S. Ser. No. 175, 705, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 5521200	A	19960528	US 1994-332687	19941101
				US 1993-175705	19931230
OS	MARPAT 125:114628				
GI					



AB I were prepd. (R = 4-pyridyl, 4-Me2NC6H4, 2,5-, 2,5- and 2,4-F2C6H4, 2,4,6-F3C6H2, R1 = R2 = H; R = 2,6-F2C6H4, R1 = R2 = Me or R1 = Et, R2 = H) and are useful in treating disorders of the central nervous system. Pharmaceutical compns. and methods of treatment are also disclosed.

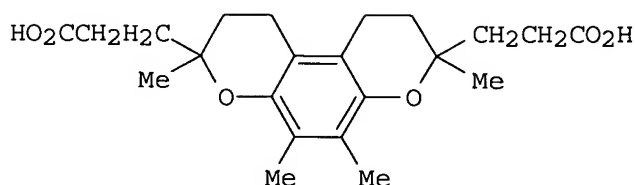
L7 ANSWER 144 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:388202 CAPLUS
 DN **125:49344**
 TI Natriuretic cyclic compounds
 IN Wechter, William J.; Murray, David E.; Kantoci, Darko; Levine, Barry H.; Benaksas, Elaine J.
 PA Loma Linda University Medical Center, USA
 SO PCT Int. Appl., 74 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9605191	A1	19960222	WO 1995-US10411	19950815
	W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM				
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE,				

SN, TD, TG

US 6150402	A	20001121	US 1994-290430 A	19940815
AU 9533277	A1	19960307	US 1994-290430	19940815
			AU 1995-33277	19950815
			US 1994-290430 A	19940815
EP 792270	A1	19970903	WO 1995-US10411W	19950815
EP 792270	B1	20030507	EP 1995-929559	19950815
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
			US 1994-290430 A	19940815
			WO 1995-US10411W	19950815
JP 10506383	T2	19980623	JP 1996-507600	19950815
			US 1994-290430 A	19940815
			WO 1995-US10411W	19950815
AT 239465	E	20030515	AT 1995-929559	19950815
			US 1994-290430 A	19940815
			WO 1995-US10411W	19950815
US 6083982	A	20000704	US 1998-57731	19980409
			US 1994-290430 A319940815	

OS MARPAT 125:49344
GI



AB A natriuretic compds. (I; R, = O, S, SO, SO₂, amino, phosphate, phosphoester, methylene; R₁-R₄ = H, OH, alkyl, aryl, alkenyl, alkynyl, arom., ether, ester, amine, amide, halogen, sulfonyl, etc.; R₅ = H, OH, alkyl, aryl, alkenyl, alkynyl, arom., ester, amine; R₆ = CO₂H, CO₂R₇, CONH₂, CONHR₇, etc.; R₇ = alkyl, aryl, alkaryl, alkenyl, etc.; n = 0-3; m = 0-5) are claimed. Methods for isolating and synthesizing the natriuretic compds. are also provided. The natriuretic compds. and their pharmaceutical compns. can be used for inducing sodium excretion without inducing corresponding prolonged potassium excretion and for treatment of hypertension, ischemia, angina pectoris, HIV infection or AIDS.

L7 ANSWER 145 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:377534 CAPLUS

DN **125:99954**

TI Photographic peracid bleaching composition and processing method using ternary iron carboxylate complex as catalyst in peracid bleaching solution

IN Buchanan, John M.; Brown, Eric R.; Gordon, Stuart T.

PA Eastman Kodak Company, USA

SO U.S., 15 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 5521056	A	19960528	US 1995-370743	19950110

US 1995-370743 19950110

OS MARPAT 125:99954

AB A photog. peracid bleaching compn. contains a peracid bleaching agent, and a water-sol. ternary complex of ferric ion, a polycarboxylate ligand, and a second ligand which has at least one carboxyl group on an arom. nitrogen heterocycle, such as a pyridinecarboxylic acid. The complex acts as a catalyst for the peracid bleaching agent. Preferred complex is biodegradable.

L7 ANSWER 146 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:341819 CAPLUS

DN **125:10614**

TI Preparation of benzannelated five-membered heterocyclecarboxamides as 5-HT receptor antagonists

IN Forbes, Ian Thomson; Jones, Graham Elgin; King, Francis David; Ham, Peter; Davies, David Thomas; Moghe, Angela

PA Smithkline Beecham Plc, UK

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

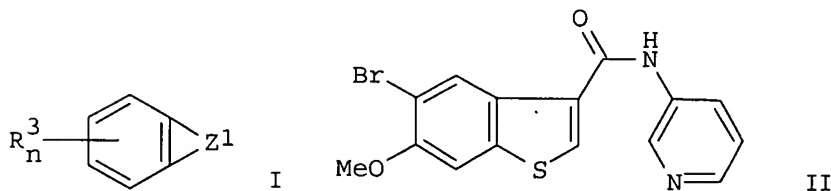
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9602537	A1	19960201	WO 1995-EP2637	19950706
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 770076	A1	19970502	EP 1995-943540	19950706
	R: BE, CH, DE, FR, GB, IT, LI, NL				
				GB 1994-14139	19940713
				WO 1995-EP2637	19950706
	JP 10502653	T2	19980310	JP 1995-504647	19950706
				GB 1994-14139	19940713
				WO 1995-EP2637	19950706
	US 5922733	A	19990713	US 1997-765933	19970630
				GB 1994-14139	19940713
				WO 1995-EP2637	19950706

OS MARPAT 125:10614

GI



AB Title compds. [I; R^3 = halo, NH_2 , OH, alkyl, etc.; $Z1$ = $XYZCONR_2Z_2R_1$ or $X:YZCONR_2Z_2R_1$ (Z = CH or N), $XY:ZCONR_2Z_2R_1$ (Z = C); R_1 = H, halo, alkyl, alkoxy, etc.; R_2 = H or alkyl; X, Y = O, S, CO, CH, CH_2 , NH, etc; Z_2 = phenylene, (iso)quinolinediyl, heterocyclylene; n = 0-3] were prepd. as 5-HT_{2B} and 5-HT_{2C} receptor antagonists. Thus, 4,3-Br(MeO)C₆H₃SH was etherified by BrCH₂COCO₂Et and the product cyclized to give, after sapon.,

5-bromo-6-methoxybenzo[b]thiophene-3-carboxylic acid which was amidated by 3-aminopyridine to give title compd. II. Selected I had K_i of 7.2×10^{-7} for binding to rat or human 5-HT_{2C} clones expressed in 293 cell in vitro.

L7 ANSWER 147 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:335954 CAPLUS
 DN **125:10631**
 TI Preparation of 2,9-diamino- and 2-amino-8-carbamoyl-4-hydroxyalkanoic acid amides as renin inhibitors
 IN Rasetti, Vittorio; Rueeger, Heinrich; Maibaum, Juergen Klaus; Mah, Robert; Gruetter, Markus; Cohen, Nissim Claude
 PA Ciba-Geigy A.-G., Switz.
 SO Eur. Pat. Appl., 115 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 702004	A2	19960320	EP 1995-113964	19950906
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	AU 9530534	A1	19960328	CH 1994-2816	19940915
				AU 1995-30534	19950908
	US 5719141	A	19980217	CH 1994-2816	19940915
				US 1995-525254	19950908
	FI 9504255	A	19960316	CH 1994-2816	19940915
				FI 1995-4255	19950911
	CA 2158227	AA	19960316	CH 1994-2816	19940915
				CA 1995-2158227	19950913
	ZA 9507726	A	19960315	CH 1994-2816	19940915
				ZA 1995-7726	19950914
	NO 9503629	A	19960318	CH 1994-2816	19940915
				NO 1995-3629	19950914
	HU 74453	A2	19961230	CH 1994-2816	19940915
				HU 1995-2684	19950914
	CN 1169986	A	19980114	CH 1994-2816	19940915
				CN 1995-118418	19950914
	JP 08176087	A2	19960709	CH 1994-2816	19940915
				JP 1995-238779	19950918
				CH 1994-2816	19940915
OS	MARPAT 125:10631				
AB	R1XCH2CR2R3CH2CH(NHR4)CHR5CH2CR6R7CONHR8 [I; R1 = arylamino, N-aryl-N-aralkylamino, N-attached heterocyclyl, etc.; R3,R3,R7 = H or alkyl; R2R3 = alkylene; R4 = H, alkyl, alkanoyl, alkoxycarbonyl; R5 = OH, alkanoyloxy, alkoxycarbonyloxy; R6 = H, (ar)alkyl, alkenyl, etc.; R6R7 = alkylene; R8 = (cyclo)aliph. group, heteroaliph. group; X = CO or CH2] were prepd. Thus, quinoline-3-carboxylic acid was converted in 21 steps to N-butyl-(2R,4S,5S)-5-amino-4-hydroxy-2,7,7-trimethyl-8-(3RS-methoxycarbonyl-1,2,3,4-tetrahydroquinolin-1-carbonyl)octanamide. I gave inhibition of human renin at .apprx. 10^{-6} to .apprx. 10^{-10} M in vitro.				

L7 ANSWER 148 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:332386 CAPLUS
 DN **125:10625**
 TI Preparation of subunit-selective NMDA receptor-antagonist haloperidol analogs
 IN Cai, Sui Xiong; Woodward, Richard M.; Lan, Nancy C.; Weber, Eckard
 PA Acea Pharmaceuticals Inc., USA; Cocensys, Inc.

SO PCT Int. Appl., 107 pp.

CODEN: PIXXD2

DT Patent

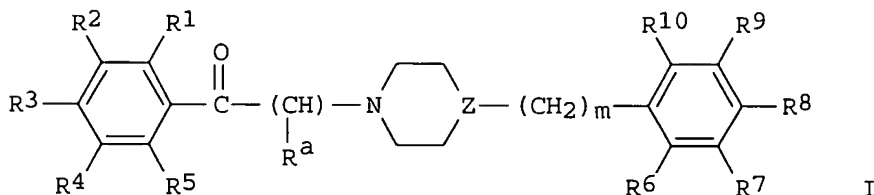
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9602250	A1	19960201	WO 1995-US9191	19950720
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
			US 1994-277871	19940720
			US 1995-475990	19950607
AU 9531385	A1	19960216	AU 1995-31385	19950720
			US 1994-277871	19940720
			US 1995-475990	19950607
			WO 1995-US9191	19950720

OS MARPAT 125:10625

GI



AB The title compds. [I; R1-R10 = H, (un)substituted heteroaryl, halogen, OH, CN, NO2, (un)substituted aryl, azido, alkyl, alkenyl, alkynyl, etc.; Ra = H, alkyl, aryl, OH, CO2H; Z = N, CH, COH, CCHO, CCONH2, etc.; m = 0-3; n = 1-5], which are subunit-selective NMDA receptor antagonists useful for treating or preventing neuronal loss assocd. with stroke, ischemia, CNS trauma, hypoglycemia and surgery, as well as treating anxiety, convulsions, migraine headaches, glaucoma, chronic pain, and inducing anesthesia, as well as for enhancing cognition, are prepd. Thus, 4-benzyl-4-hydroxypiperidine was condensed with 4-chloro-4'-fluorobutyrophenone, producing 4-(4-benzyl-4-hydroxypiperidiny)-4'-fluorobutyrophenone which demonstrated an IC50 of 40 .mu.M in an NR1A/NR2A receptor assay, vs. >100 .mu.M for haloperidol.

L7 ANSWER 149 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:256100 CAPLUS

DN 124:316867

TI Carbapenem derivatives containing a bicyclic substituent

IN Arnould, Jean-Claude

PA Zeneca Limited, UK; Zeneca-Pharma

SO Eur. Pat. Appl., 27 pp.

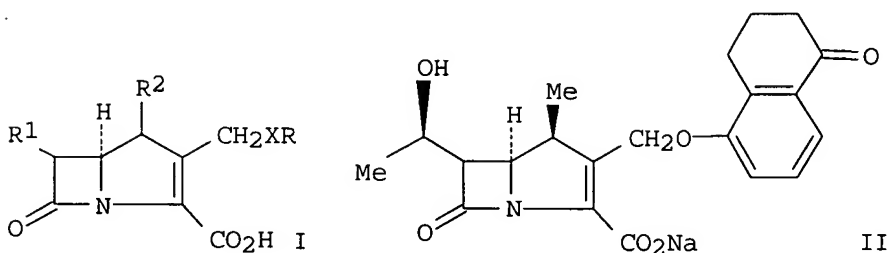
CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 695753	A1	19960207	EP 1995-305428	19950803
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5607928	A	19970304	US 1995-508698	19950728
				EP 1994-401814	19940805
	JP 08059664	A2	19960305	JP 1995-201126	19950807
				EP 1994-401814	19940805
OS	MARPAT 124:316867				
GI					



AB Bactericidal (no data) carbapenems I [R = aryl, heteroaryl; R¹ = CH₂OH, CHMeOH, CHMeF; R² = H, C1-4 alkyl; X = O, S] and pharmaceutically acceptable salts or in vivo hydrolyzable esters thereof, were prepd. Thus, (3S,4R,1'R,1''R)-1-(allyloxycarbonyltriphenylphosphoranylidene-methyl)-3-(1-hydroxyethyl)-4-[1-(hydroxymethylcarbonyl)ethyl]azetidin-2-one was treated with 5-hydroxy-1-tetralone, followed by ester hydrolysis to give the carbapenem II.

L7 ANSWER 150 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:110357 CAPLUS

DN 124:135707

TI Pharmaceutical use of transition metal complexes as peroxynitrite decomposition catalysts

IN Stern, Michael Keith; Salvemini, Daniela

PA Monsanto Co., USA

SO PCT Int. Appl., 68 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9531197	A1	19951123	WO 1995-US5886	19950509
	W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN				
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 1994-242498 A 19940513				

CA 2189528	AA	19951123	CA 1995-2189528	19950509
			US 1994-242498 A	19940513
AU 9525120	A1	19951205	AU 1995-25120	19950509
AU 709553	B2	19990902		
			US 1994-242498 A	19940513
			WO 1995-US5886 W	19950509
EP 758892	A1	19970226	EP 1995-919143	19950509
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
			US 1994-242498 A	19940513
			WO 1995-US5886 W	19950509
CN 1152871	A	19970625	CN 1995-194075	19950509
			US 1994-242498 A	19940513
HU 76327	A2	19970828	HU 1996-3140	19950509
			US 1994-242498 A	19940513
BR 9507643	A	19970923	BR 1995-7643	19950509
			US 1994-242498 A	19940513
			WO 1995-US5886 W	19950509
JP 10500671	T2	19980120	JP 1995-529755	19950509
			US 1994-242498 A	19940513
			WO 1995-US5886 W	19950509
US 6245758	B1	20010612	US 1996-709788	19960909
			US 1994-242498 B2	19940513
			US 1995-431593 A1	19950501
NO 9604793	A	19970106	NO 1996-4793	19961112
			US 1994-242498 A	19940513
			WO 1995-US5886 W	19950509
FI 9604537	A	19970110	FI 1996-4537	19961112
			US 1994-242498 A	19940513
			WO 1995-US5886 W	19950509

OS MARPAT 124:135707

AB Diseases assocd. with the decompn. of peroxynitrite (formed in the body by interaction of metabolically produced NO with superoxide) are ameliorated by treatment with transition metal complexes (e.g. with porphyrins or macrocyclic N compds.) which accelerate decompn. of peroxynitrite, preferably to benign products. Diseases which may thus be treated include ischemic reperfusion, inflammation, sepsis, stroke, multiple sclerosis, parkinsonism, and side effects from cancer chemotherapy. The complexes prevent tissue damage from decompn. of peroxynitrite to toxic HO.bul. and NO₂, and also protect superoxide dismutase from inactivation. Thus, intestinal vascular leakage in rats during endotoxin shock, measured as leakage of 125I-labeled serum albumin, was lessened by i.v. injection of acetato[5,10,15,20-tetrakis(N-methyl-4-pyridyl)porphinato]iron(III) tetratosylate (30 mg/kg) 3 h after lipopolysaccharide injection.

L7 ANSWER 151 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:87551 CAPLUS

DN 124:261017

TI 1,3-Benzodioxole-2,2-dicarboxylate derivatives and analogs as selective .beta.3-adrenergic agents

IN Epstein, Joseph W.; Birnberg, Gary H.; Qing, Feng L.

PA American Cyanamid Co., USA

SO U.S., 20 pp.

CODEN: USXXAM

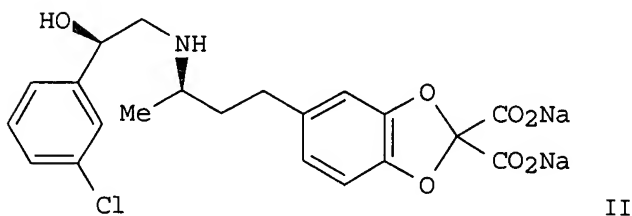
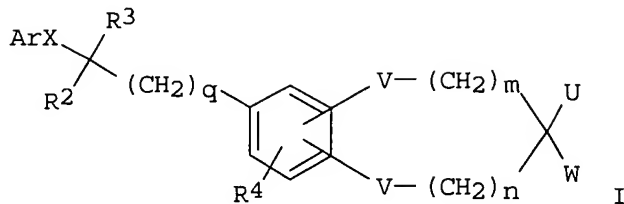
DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 5482971 A 19960109 US 1993-130601 19931001
 US 1993-130601 19931001
 OS MARPAT 124:261017
 GI



AB This invention is concerned with novel compds. of formula I wherein: Ar is, e.g., naphth-(1 or 2)-yl which is substituted with hydrogen, straight or branched (C1-C6)alkyl, bromine, chlorine, fluorine, iodine, (C1-C6)alkoxy, difluoromethyl, trifluoromethyl, trifluoromethoxy, or difluoromethoxy, 1,2,3,4-tetrahydro-(5 or 6)-naphthyl which is substituted with hydrogen, straight or branched (C1-C6)alkyl, bromine, chlorine, fluorine, iodine, (C1-C6)alkoxy, difluoromethyl, or trifluoromethyl, indanyl; R2 and R3 are hydrogen or (C1-C4)alkyl; m and n are integers from 0-1; q is an integer of 0, 2 or 3; V is oxygen and each V is ortho to the other V; W and U are independently hydrogen, hydroxy, CO2R8 or OCH2CO2R8 wherein R8 is hydrogen or straight or branched (C1-C10)alkyl; CONR9R10 or OCH2CONR9R10 wherein R9 and R10 are, e.g., hydrogen, straight or branched (C1-C10)alkyl, substituted benzyl, substituted Ph, a heterocycle; X is a divalent radical CH(OT)CH(Ro)NT wherein Ro is (C1-C3)alkyl; T is hydrogen, (C1-C4)alkyl or (C1-C4)acyl; and the pharmaceutically acceptable salts and esters, the enantiomers, the racemic mixts. and diastereomeric mixts. thereof, which are selective .beta.3-adrenergic agents. Thus, e.g., treatment of 4-(3,4-dimethoxy-phenyl)-2-butanone with formamide afforded racemic 2-amino-4-(3,4-dimethoxyphenyl)butane; ring-opening reaction of the latter with (R)-m-chlorostyrene oxide followed by cyclization with carbonyldiimidazole afforded the (R,R) and (R,S) diastereomers of 5-(3-chlorophenyl)-3-[(3,4-dimethoxyphenyl)-butan-2-yl]oxazolidinone; the (R,S) isomer is demethylated and cyclized with di-Et dibromomalonate to afford the (R,S) oxazolidinone diester; sapon. of the latter afforded disodium (R,S)-5-[3-[[2-(3-chlorophenyl)-2-hydroxyethyl]amino]butyl]-1,3-benzodioxole-2,2-dicarboxylate. In similar fashion, the intermediate (R,R) diastereomer is converted to disodium (R,R)-5-[3-[[2-(3-chlorophenyl)-2-hydroxyethyl]amino]butyl]-1,3-benzodioxole-2,2-dicarboxylate (II) which exhibited stimulation of adipocyte lipolysis with EC50 = 17 nM (.beta.3 selectivity) vs. IC50 = 19,000 nM (heart binding, .beta.1 effect) and IC50 = 20,000 nM (lung binding, .beta.2 effect).

L7 ANSWER 152 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:878880 CAPLUS
 DN **123:285816**
 TI Preparation of heteronaphthoquinones and glycosides thereof as antitumor drugs.
 IN Attardo, Giorgio; Wang, Wuyi; Breining, Tibor; Li, Tiechao; St.-Denis, Yves; Kraus, Jean-Louis
 PA Biochem Pharma Inc., Can.
 SO PCT Int. Appl., 159 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9512588	A1	19950511	WO 1994-CA210	19940506
	W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TT, UA, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9466727	A1	19950523	US 1993-148251	19931105
				AU 1994-66727	19940506
				US 1993-148251	19931105
				WO 1994-CA210	19940506

PATENT FAMILY INFORMATION:

FAN 1995:761478

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9411382	A1	19940526	WO 1993-CA463	19931105
	W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9454140	A1	19940608	US 1992-973233	19921109
				AU 1994-54140	19931105
				US 1992-973233	19921109
				WO 1993-CA463	19931105
	EP 659190	A1	19950628	EP 1993-924460	19931105
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
				US 1992-973233	19921109
				WO 1993-CA463	19931105
	CN 1094402	A	19941102	CN 1993-112945	19931108
				US 1992-973233	19921109
	ZA 9308350	A	19940621	ZA 1993-8350	19931109
				US 1992-973233	19921109

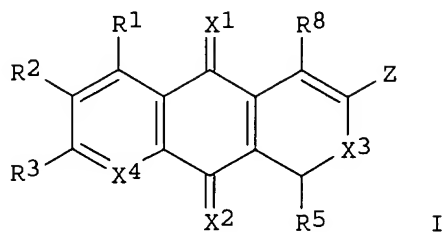
FAN 1997:169186

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5606037	A	19970225	US 1995-401492	19950310
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				US 1993-148251	19931105

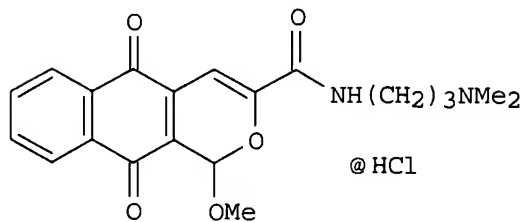
FAN 1998:220857

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5736523	A	19980407	US 1995-401493	19950310
				US 1992-973233	19921109
				US 1993-148251	19931105

OS MARPAT 123:285816
GI



I



II

AB Title compds. [I; X1, X2 = O, S, NR20; R20 = H, OH, alkyl, acyl, alkylamino; X3 = O, S, SO, SO2, NR21; R21 = OH, acyl, alkyl, aryl, haloacyl, H; X4 = CQ, N, NO; R1-R3, Q = H, OH, alkyl, alkoxy, cycloalkyl, tosyl, mesyl, triflate, thiol, (substituted) acetate, amino, etc.; Z = H, OH, halo, thiol, sulfide, alkoxy, hydroxime, hydrazone, cyano, arylsulfone, alkynyl, squarate, Ph, (substituted) amino, acylamino, heterocyclyl, carboxylate ester, etc.; R5, R8 = H, halo, OH, alkoxy, alkyl, acetylenyl, cycloalkyl, alkenyl, alkoxyalkylamino, cyano, aminoalkyl, acyl, carboxylate ester, acosamine, glucosamine, 2,6-dideoxyrhamnose, thioglucose, thiodaunosamine residue, (substituted) (arom.) ring, etc.], were prepd. Thus, naphthopyran deriv. (II) [prepn. from Me (5,8-dimethoxyisochroman-3-yl)carboxylate given] showed IC50 = 0.0073-0.029 .mu.M against SKOV3 ovarian carcinoma cells.

L7 ANSWER 153 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:797285 CAPLUS

DN **123:198824**

TI Preparation of tricyclic sulfonamide inhibitors of farnesyl protein transferase for the treatment of cell proliferative diseases

IN Bishop, W. Robert; Doll, Ronald J.; Mallams, Alan K.; Njoroge, F. George; Petrin, Joanne M.; Piwinski, John J.

PA Schering Corp., USA

SO PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DT Patent

LA English

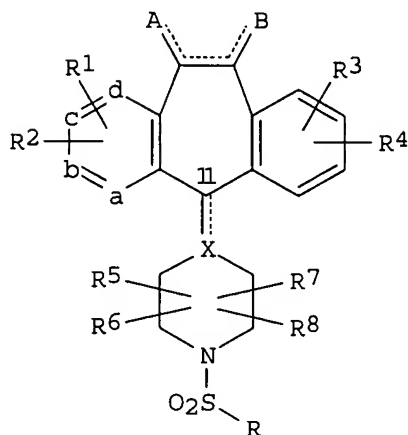
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9510514	A1	19950420	WO 1994-US11390	19941012
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	RW:	KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN,			

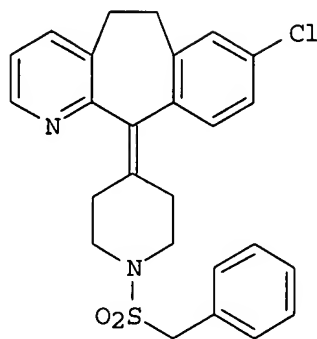
TD, TG

CA 2173963	AA	19950420	US 1993-137856 A	19931015
CA 2173963	C	20020319	CA 1994-2173963	19941012
AU 9479702	A1	19950504	US 1993-137856 A	19931015
AU 698960	B2	19981112	AU 1994-79702	19941012
ZA 9407969	A	19960712	US 1993-137856 A	19931015
EP 723539	A1	19960731	WO 1994-US11390W	19941012
EP 723539	B1	20011212	ZA 1994-7969	19941012
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE			US 1993-137856 A	19931015
JP 08510445	T2	19961105	WO 1994-US11390W	19941012
JP 2875392	B2	19990331	JP 1994-518410	19941012
HU 76057	A2	19970630	US 1993-137856 A	19931015
AT 210653	E	20011215	WO 1994-US11390W	19941012
ES 2164717	T3	20020301	HU 1996-957	19941012
US 5661152	A	19970826	US 1993-137856 A	19931015
			AT 1994-930649	19941012
			US 1993-137856 A	19931015
			WO 1994-US11390W	19941012
			ES 1994-930649	19941012
			US 1993-137856 A	19931015
			US 1995-444996	19950519
			US 1993-137856 B2	19931015
			US 1994-312350 B1	19940926

OS MARPAT 123:198824
GI



I



II

AB The title compds. [I; A, B = H, alkyl, aryl, OH, alkoxy, aryloxy, halogen, etc.; 1 of a, b, c, d = N, NR9 and the remainder are CR1, CR2; R9 = O-, Me, (CH2)nCO2H; n = 1-3; R1-R4 = H, benzotriazol-1-yloxy, halogen, CF3, etc.; R = alkyl, (un)substituted Ph, (un)substituted bridged polycyclic

hydrocarbon, heteroaryl, alkenyl, etc.; R5-R8 = H, CF3, COR10, (un)substituted alkyl, (un)substituted aryl, etc.; X = N, C (with an optional double bond to carbon no. 11); the dotted lines represent optional double bonds; etc.], useful as inhibitors of farnesyl protein transferase and geranylgeranyl protein transferase for the treatment of cell proliferative diseases, are prep'd. and I-contg. formulations presented. Thus, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclopenta[1,2-b]pyridin-11-ylidene)piperidine (sic) was amidated with PhSO2Cl, producing 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-1-(phenylmethanesulfonyl)-1-piperidine, II.

L7 ANSWER 154 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:794872 CAPLUS

DN 123:286106

TI Preparation of substituted cyclic carbonyl derivatives as retroviral protease inhibitors

IN Lam, Patrick Yuk-Sun; Jadhav, Prabhakar Kondaji; Eyermann, Charles Joseph; Hodge, Carl Nicholas; De, Lucca George Vincent; Rodgers, James David

PA Du Pont Merck Pharmaceutical Co., USA

SO PCT Int. Appl., 525 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 5

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419329	A1	19940901	WO 1994-US1609	19940223
W: AU, CA, CZ, FI, HU, JP, KR, NO, NZ, PL, SK				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5610294	A	19970311	US 1993-23439	A 19930226
			US 1993-47330	A 19930415
			US 1994-197630	A 19940216
			US 1994-197630	19940216
			US 1991-776491	B219911011
			US 1992-883944	B219920515
			US 1992-953272	B219920930
			US 1993-23439	B219930226
			US 1993-47330	B219930415
AU 9465493	A1	19940914	AU 1994-65493	19940223
			US 1993-23439	A 19930226
			US 1993-47330	A 19930415
			US 1994-197630	A 19940216
			WO 1994-US1609	W 19940223
EP 686151	A1	19951213	EP 1994-913262	19940223
EP 686151	B1	20000705		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
			US 1993-23439	A 19930226
			US 1993-47330	A 19930415
			US 1994-197630	A 19940216
			WO 1994-US1609	W 19940223
JP 08509700	T2	19961015	JP 1994-519072	19940223
			US 1993-23439	A 19930226
			US 1993-47330	A 19930415
			US 1994-197630	A 19940216
			WO 1994-US1609	W 19940223
AT 194333	E	20000715	AT 1994-913262	19940223
			US 1993-23439	A 19930226
			US 1993-47330	A 19930415

ZA 9401325 A 19950825

US 1994-197630 A 19940216
 WO 1994-US1609 W 19940223
 ZA 1994-1325 19940225
 US 1993-23439 A 19930226

PATENT FAMILY INFORMATION:

FAN 1994:134540

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9307128	A1	19930415	WO 1992-US8749	19921013
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RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
AU 9228715	A1	19930503	US 1991-776491 A	19911011
			US 1992-883944 A	19920515
			US 1992-953272 A	19920929
			AU 1992-28715	19921013
			US 1991-776491 A	19911011
			US 1992-883944 A	19920515
			US 1992-953272 A	19920929
EP 607334	A1	19940727	WO 1992-US8749 A	19921013
EP 607334	B1	19970730	EP 1992-922262	19921013
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			US 1991-776491 A	19911011
			US 1992-883944 A	19920515
			US 1992-953272 A	19920929
HU 67285	A2	19950328	WO 1992-US8749 W	19921013
			HU 1994-1020	19921013
			US 1991-776491 A	19911011
			US 1992-883944 A	19920515
			US 1992-953272 A	19920929
BR 9206623	A	19950502	BR 1992-6623	19921013
			US 1991-776491 A	19911011
			US 1992-883944 A	19920515
			US 1992-953272 A	19920929
EP 765873	A1	19970402	WO 1992-US8749 W	19921013
EP 765873	B1	20020417	EP 1996-118182	19921013
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			US 1991-776491 A	19911011
			US 1992-883944 A	19920515
			US 1992-953272 A	19920929
AT 156123	E	19970815	EP 1992-922262 A3	19921013
			AT 1992-922262	19921013
			US 1991-776491 A	19911011
			US 1992-883944 A	19920515
			US 1992-953272 A	19920929
ES 2104946	T3	19971016	ES 1992-922262	19921013
			US 1991-776491 A	19911011
			US 1992-883944 A	19920515
			US 1992-953272 A	19920929
CZ 284872	B6	19990317	CZ 1994-814	19921013
			US 1991-776491 A	19911011
			US 1992-883944 A	19920515
			US 1992-953272 A	19920929
RU 2131420	C1	19990610	RU 1994-31126	19921013
			US 1991-776491 A	19911011

			US 1992-883944 A 19920515
			US 1992-953272 A 19920929
SK 280882	B6	20000814	WO 1992-US8749 W 19921013
			SK 1994-407 19921013
			US 1991-776491 A 19911011
			US 1992-883944 A 19920515
			US 1992-953272 A 19920929
JP 3208140	B2	20010910	WO 1992-US8749 W 19921013
			JP 1993-507244 19921013
			US 1991-776491 A 19911011
			US 1992-883944 A 19920515
			US 1992-953272 A 19920929
EP 1153921	A2	20011114	WO 1992-US8749 W 19921013
EP 1153921	A3	20011121	EP 2001-119426 19921013
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			US 1991-776491 A 19911011
			US 1992-883944 A 19920515
			US 1992-953272 A 19920929
AT 216371	E	20020515	EP 1996-118182 A319921013
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			US 1991-776491 A 19911011
			US 1992-883944 A 19920515
			US 1992-953272 A 19920929
LV 10096	B	19950420	LV 1993-341 19930514
			US 1991-776491 A 19911011
FI 9401649	A	19940531	FI 1994-1649 19940408
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			US 1992-883944 A 19920515
			US 1992-953272 A 19920929
NO 9401278	A	19940610	WO 1992-US8749 W 19921013
			NO 1994-1278 19940408
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			US 1992-953272 A 19920929
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AU 694417	B2	19980723	AU 1994-61808 19940502
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			US 1992-883944 A 19920515
			US 1992-953272 A 19920929
FAN 1996:275102			
PATENT NO.	KIND	DATE	APPLICATION NO. DATE
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PI US 5506355	A	19960409	US 1994-269281 19940630
			US 1993-23439 B219930226
			US 1993-47330 B219930415
US 5610294	A	19970311	US 1994-197630 A219940216
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			US 1991-776491 B219911011
			US 1992-883944 B219920515
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			US 1993-23439 B219930226
			US 1993-47330 B219930415
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FAN 1996:637442			
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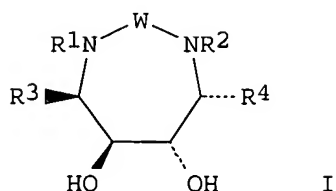
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	US 5880295	A	19990309	US 1996-666032	19960619
				US 1994-197630	A219940216
				US 1994-268609	A319940630
FAN	1997:208119				
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PI	US 5610294	A	19970311	US 1994-197630	19940216
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				US 1993-23439	B219930226
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				US 1992-953272	A 19920929
				EP 1992-922262	A319921013
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			WO 1994-US1609 W 19940223
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AT 194333	E	20000715	EP 1994-913262 A319940223
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			US 1993-23439 A 19930226
			US 1993-47330 A 19930415
			US 1994-197630 A 19940216
ES 2149267	T3	20001101	WO 1994-US1609 W 19940223
			ES 1994-913262 19940223
			US 1993-23439 A 19930226
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US 5559252	A	19960924	US 1994-268609 19940630
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			US 1993-23439 A 19930226
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			US 1994-197630 A 19940216
US 5880295	A	19990309	US 1996-666032 19960619
			US 1994-197630 A219940216
			US 1994-268609 A319940630
US 5811422	A	19980922	US 1996-770546 19961122
			US 1991-776491 B219911011
			US 1992-883944 B219920515
			US 1992-953272 B219920930
			US 1993-23439 B219930226
			US 1993-47330 B219930415
			US 1994-197630 A319940216
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			US 1991-776491 B219911011
			US 1992-883944 B219920515
			US 1992-953272 B219920929
			US 1993-23439 B219930226
			US 1993-47330 B219930415
			US 1994-197630 A319940216
US 37781	E	20020702	US 1996-770546 A319961122
			US 1999-265808 19990310
			US 1991-776491 B219911011
			US 1992-883944 B219920515
			US 1992-953272 B219920929
			US 1993-23439 B219930226
			US 1993-47330 B219930415

US 1994-197630 A519940216

OS MARPAT 123:286106

GI



AB Cyclic ketone derivs. [I; R1, R2 = H, alkyl, allyl, cyclopropylmethyl, etc.; R3, R4 = (un)substituted benzyl, thienylmethyl, naphthylmethyl, etc.; W = CO, CS, SO2, etc.], useful as human immunodeficiency virus (HIV) protease inhibitors, are prepd., tested, and formulated. Amination of dichloro compd. I [R1 = R2 = m-chlorobenzyl, R3 = R4 = PhCH2, W = CO] with MeNH2 in THF and subsequent acidification with 4M HCl gave I.2HCl [R1 = R2 = m-methylaminobenzyl, R3 = R4 = PhCH2, W = CO], which showed Ki = 10 nM-1 .mu.M and IC90 = <10 .mu.g/mL in a HIV protease inhibition assay.

L7 ANSWER 155 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:652321 CAPLUS

DN **123:55860**

TI Process for the preparation of 1-(heterocyclylthio)-4,4-difluoro-3-butene-derivative nematocides

IN Turnbull, Michael Drysdale; Willetts, Nigel James; Fitzjohn, Steven; Kholia, Prafula Govind; Smith, Alison Mary; Salmon, Roger; Bansal, Harjinder Singh; Williams, Alfred Glyn

PA Zeneca Ltd., UK

SO PCT Int. Appl., 33 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9504727	A1	19950216	WO 1994-GB1570	19940720
W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KE, KG, KP, KR, KZ, LK, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
GB 1993-16219 A 19930805				
GB 1993-16220 A 19930805				
GB 1993-25453 A 19931213				
GB 1993-25455 A 19931213				
AU 9471930	A1	19950228	AU 1994-71930	19940720
GB 1993-16219 A 19930805				
GB 1993-16220 A 19930805				
GB 1993-25453 A 19931213				
GB 1993-25455 A 19931213				
WO 1994-GB1570 W 19940720				

EP 712395	A1	19960522	EP 1994-921059	19940720
EP 712395	B1	20020522		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
			GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
			GB 1993-25453	A 19931213
			GB 1993-25455	A 19931213
			WO 1994-GB1570	W 19940720
HU 73351	A2	19960729	HU 1995-3825	19940720
HU 218575	B	20001028		
			GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
			GB 1993-25453	A 19931213
			GB 1993-25455	A 19931213
CN 1128535	A	19960807	CN 1994-192999	19940720
			GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
BR 9407164	A	19960917	BR 1994-7164	19940720
			GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
			GB 1993-25453	A 19931213
			GB 1993-25455	A 19931213
			WO 1994-GB1570	W 19940720
JP 09501175	T2	19970204	JP 1994-506270	19940720
			GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
			GB 1993-25453	A 19931213
			GB 1993-25455	A 19931213
			WO 1994-GB1570	W 19940720
AT 217869	E	20020615	AT 1994-921059	19940720
			GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
			GB 1993-25453	A 19931213
			GB 1993-25455	A 19931213
			WO 1994-GB1570	W 19940720
ES 2177580	T3	20021216	ES 1994-921059	19940720
			GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
			GB 1993-25453	A 19931213
			GB 1993-25455	A 19931213
			IL 1994-110432	19940725
IL 110432	A1	20000716	GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
			GB 1993-25453	A 19931213
			GB 1993-25455	A 19931213
ZA 9405561	A	19950328	ZA 1994-5561	19940727
			GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
US 5728833	A	19980317	US 1994-286142	19940804
			GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
			GB 1993-25453	A 19931213
			GB 1993-25455	A 19931213
US 5914423	A	19990622	US 1997-976559	19971124
			GB 1993-16219	A 19930805
			GB 1993-16220	A 19930805
			GB 1993-25453	A 19931213
			GB 1993-25455	A 19931213

US 1994-286142 A319940804

OS CASREACT 123:55860; MARPAT 123:55860
AB The title compds. XSCH₂CH₂CH:CF₂ [X = (un)substituted 5- or 6-membered heterocyclyl] [e.g., 2-(4,4-difluorobut-3-enylthio)-5-methylbenzoxazole; oil], useful as nematocides (no data), are prepd. in high yield by the condensation of XSH with CF₂:CHCH₂CH₂L [L = Cl, Br, OSO₂Ra; Ra = is 4-chloroalkyl, Ph (un)substituted by 4-chloroalkyl].

L7 ANSWER 156 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:638596 CAPLUS

DN 123:286084

TI Dibenzocycloheptenylidenepiperidine, dibenzocycloheptenylpiperazine, and heterocyclic analogs as PAF antagonists and antihistaminics

IN Wong, Jesse K.; Piwinski, John J.; Green, Michael J.

PA USA

SO U.S., 29 pp. Cont.-in-part of U.S. Ser. No. 595,329, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5416087	A	19950516	US 1993-39072	19930407
				US 1990-595329	19901010
				WO 1991-US7170	19911008
	WO 9206970	A1	19920430	WO 1991-US7170	19911008
	W:	AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MC, MG, MW, NO, PL, RO, SD, SU, US			
	RW:	AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG			
				US 1990-595329	19901010

PATENT FAMILY INFORMATION:

FAN 1992:511647

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9206970	A1	19920430	WO 1991-US7170	19911008
	W:	AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MC, MG, MW, NO, PL, RO, SD, SU, US			
	RW:	AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG			
				US 1990-595329	19901010
	CA 2093646	AA	19920411	CA 1991-2093646	19911008
				US 1990-595329	19901010
	AU 9188540	A1	19920520	AU 1991-88540	19911008
				US 1990-595329	19901010
				WO 1991-US7170	19911008
	EP 552245	A1	19930728	EP 1991-918529	19911008
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE			
				US 1990-595329	19901010
				WO 1991-US7170	19911008
	JP 05506249	T2	19930916	JP 1991-517936	19911008
				US 1990-595329	19901010
				WO 1991-US7170	19911008
	US 5416087	A	19950516	US 1993-39072	19930407
				US 1990-595329	19901010
				WO 1991-US7170	19911008

OS MARPAT 123:286084

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Bis-benzo cyclohepta piperidine, piperidylidene and piperazine compds. I
 [L = N or N+O-, Z = O or S, Y = [C(Ra)2]mX[C(Ra)2]n or II, m and n are
 integers 0, 1, 2, 3 such that m + n = 0 to 3; when m + n = 1, X = e.g., O,
 S(O)e where e = 0, 1, or 2; when m + n = 2, X = e.g., O, S(O)e, e = 0-2;
 when m + n = 3, X = a direct bond; when m + n = 0, X can be any
 substituent for m + n = 1 and also a direct bond, cyclopropylene,
 propenylene; each Ra may be the same or different and each independently
 represents, e.g., H, C1-6-alkyl; the dotted line between the indicated
 carbon atoms 5 and 6 represents an optional double bond, such that when a
 double bond is present, A and B each independently represent R11, OR13,
 halo or OC(O)R11, and when no double bond is present between carbon atoms
 5 and 6, A and B each independently represent H2; (OR13)2; (alkyl and H);
 (alkyl)2; [H and OC(O)R11], (H and OR11); :O or :NOR14; R1, R2, R3, R4 =
 e.g., H, halo, CF3; R5, R6 = e.g., H, alkyl, aryl; R7, R8, R9 = e.g., H,
 halo, CF3; R11 = H, alkyl, aryl; R13 = alkyl, aryl; R14 = H, alkyl; T =
 CH, C, or N with the dotted line attached to T representing a double bond
 when T is C and being absent when T is CH or N] and pharmaceutically
 acceptable salts thereof are disclosed, which possess anti-allergic and/or
 anti-inflammatory activity. Methods for prepg. and using the compds. are
 also described. Thus, e.g., coupling of 4-(10,11-dihydro-5H-
 dibenzo[a,d]cyclohepten-5-ylidene)piperidine (III, prepn. given) with
 isonicotinic acid N-oxide afforded the pyridinylcarbonyl N-oxide deriv. IV
 which demonstrated in vitro PAF antagonism IC50 = 1.2 .mu.M, and in vivo
 inhibition of PAF-induced bronchospasm in guinea pigs of 82% at 3 mg/kg.
 Pharmaceutical formulations were given.

L7 ANSWER 157 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:518988 CAPLUS

DN **122:265397**

TI Preparation of (2-fluoroethyl)thio-substituted pyrimidine agrochemical
 nematicides

IN Fitzjohn, Steven; Robinson, Michael Peter

PA Zeneca Ltd., UK

SO Brit. UK Pat. Appl., 21 pp.

CODEN: BAXXDU

DT Patent

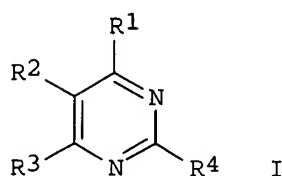
LA English

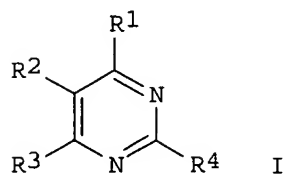
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2281295	A1	19950301	GB 1993-17761	19930826
				GB 1993-17761	19930826

OS MARPAT 122:265397

GI





AB The title compds. [I; R1-R4 = H, alkyl, alkenyl, alkynyl, cycloalkyl, halogen, CN, (un)substituted NH₂, (un)substituted aminocarbonyl, (un)substituted Ph or PhCH₂, etc.; provided that .gtoreq.1 of R1-R4 = S(O)nCH₂CH₂F; n = 0-2], useful as agrochem. nematocides, are prepd. by the condensation of a mercaptopyrimidine with BrCH₂CH₂F. Thus, I (R1 = R4 = SCH₂CH₂F, R2 = R3 = H) was prepd. and demonstrated a 99% root knot redn. in *Meloidogyne incognita*-infected cucumber plants at 40 ppm.

L7 ANSWER 158 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:508058 CAPLUS

DN **122:265017**

TI Bridged biphenyl carbapenem antibacterial compounds

IN Dininno, Frank P.

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 113 pp.

CODEN: PIXXD2

DT Patent

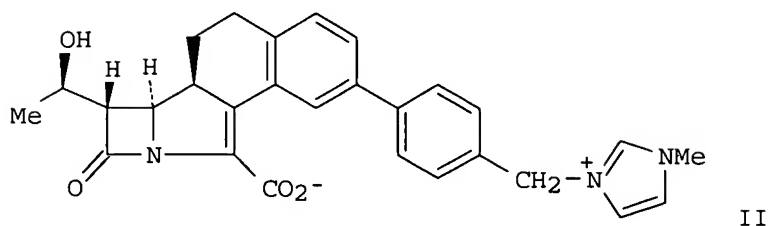
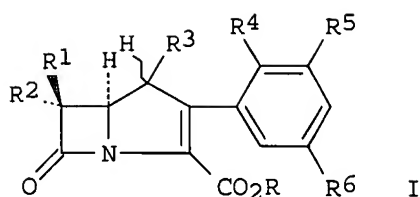
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9503700	A1	19950209	WO 1994-US8632	19940727
	W:	AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KE, KG, KR, KZ, LK, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ			
	RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	US 5401735	A	19950328	US 1993-101141	19930802
	AU 9474093	A1	19950228	AU 1994-74093	19940727
				US 1993-101141	19930802
				WO 1994-US8632	19940727

OS MARPAT 122:265017

GI



AB Carbapenems I [R = H, neg. charge, ester group, cation; R1, R2 = H, (un)substituted alkyl; R3R4 = (un)substituted alkylene; R5 = H, substituent; R6 = (un)substituted Ph] were prepd. as bactericides. Thus, the condensed carbapenem II was obtained from the acetoxymethylphenyltetralone and protected hydroxymethylphenyltetralone in 6 steps. II had 20 times the bactericidal activity of imipenem.

L7 ANSWER 159 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:416192 CAPLUS

DN **122:187249**

TI Preparation of 2-phenanthridinylcarbapenems as antibacterial agents

IN Dininno, Frank P.; Greenlee, Mark L.; Rano, Thomas A.; Lee, Wendy

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 115 pp.

CODEN: PIXXD2

DT Patent

LA English

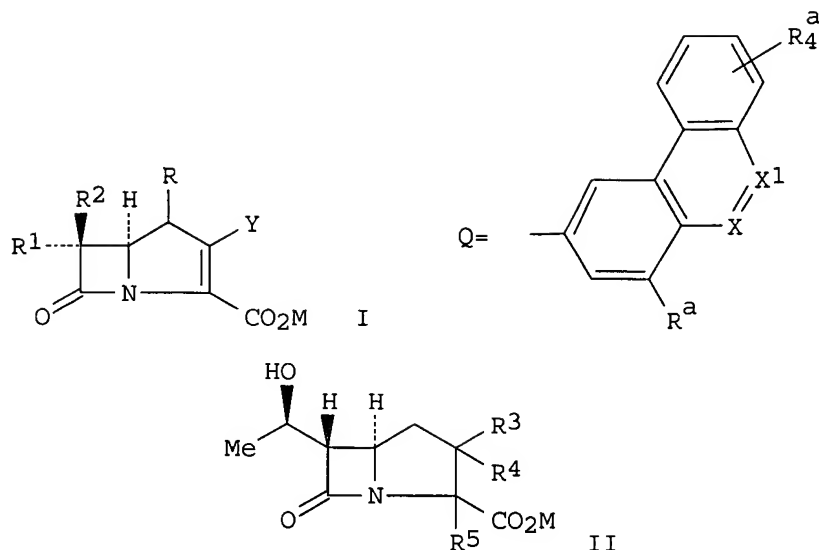
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9417066	A1	19940804	WO 1994-US85	19940103
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				US 1993-9626	19930127
	US 5336674	A	19940809	US 1993-9626	19930127
	CA 2154276	AA	19940804	CA 1994-2154276	19940103
				US 1993-9626	19930127
	AU 9459902	A1	19940815	AU 1994-59902	19940103
				US 1993-9626	19930127
				WO 1994-US85	19940103
	EP 682666	A1	19951122	EP 1994-906014	19940103
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
				US 1993-9626	19930127
				WO 1994-US85	19940103
	JP 08505874	T2	19960625	JP 1994-517039	19940103

US 1993-9626
WO 1994-US85

19930127
19940103

OS MARPAT 122:187249
GI



AB Title compds. [I; M = H, alkali metal, neg. charge, etc.; .; R = H, Me; R₁, R₂ = H, Me, Et, CH₂OH, MeCH(OH), etc.; .; Y = phenanthridinyl group Q; 1 of R_a = H and the others = H, CF₃, halo, (un)substituted alkoxy; 1 of X, X₁ = N+R_{dm} and the other = CR_c; R_c = H, (un)substituted alkyl(oxy), NH₂, etc.; .; R_d = H, NH₂, O-, alkyl, etc.; .; m = 0 or 1] were prepd. as antibacterial agents (no data). Thus, oxopenamcarboxylate II [M = CH₂C₆H₄(NO₂)-4, R₃R₄ = O, R₅ = H] was condensed with Me₃SnQ CF₃SO₃- (R_a = H, X = N+Me, X₁ = CH) and the product hydrogenolized to give II (M = neg. charge, R₃ = Q, R₄R₅ = bond, R_a = H, X = N+Me, X₁ = CH).

L7 ANSWER 160 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:689312 CAPLUS

DN **121:289312**

TI Photochromic articles and method for their preparation

IN Daniele, Girelli; Luciana, Crisci; Pietro, Allegrini

PA Enichem Synthesis S.p.A., Italy

SO Belg., 45 pp.

CODEN: BEXXAL

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 1006104	A6	19940510	BE 1993-1095	19931015
				IT 1992-MI2379	19921016

OS MARPAT 121:289312

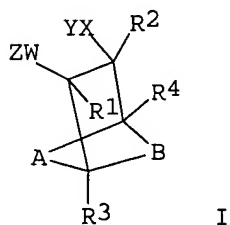
AB Org. glass articles having a high refractive index contain org. photochromic compds. obtained by crosslinking of liq. compns. which can be polyemd. via completely radical compds.: (a) of .gtoreq.1 of a urethane resin dild. in .gtoreq.1 reactive compd. of the acrylate and/or

methacrylate and/or styrene type, and (b) .gtoreq.1 photochromic substance chosen among spiroindolinoxazines, spiropyrans, and chromenes.

L7 ANSWER 161 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1994:680369 CAPLUS
 DN **121:280369**
 TI Bicyclooctane- and bicycloheptane-derivative gastrin and/or
 cholecystokinin receptor antagonists
 IN Kalindjian, Sarkis Barret; Low, Caroline Minli Rachel; Pether, Michael
 John; Davies, Jonathan Michael Richar; Dunstone, David John; McDonald,
 Iain Mair
 PA James Black Foundation Ltd., UK
 SO PCT Int. Appl., 80 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9400421	A1	19940106	WO 1993-GB1301	19930618
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
			GB 1992-13094	19920619
			GB 1992-26549	19921221
GB 2268739	A1	19940119	GB 1992-13094	19920619
AU 9343489	A1	19940124	AU 1993-43489	19930618
			GB 1992-13094	19920619
			GB 1992-26549	19921221
EP 655053	A1	19950531	WO 1993-GB1301	19930618
EP 655053	B1	19970903	EP 1993-913402	19930618
R: DE, ES, FR, GB, IT				
			GB 1992-13094	19920619
			GB 1992-26549	19921221
			WO 1993-GB1301	19930618
US 5674905	A	19971007	US 1994-351320	19941219
			GB 1992-13094	19920619
			GB 1992-26549	19921221
			WO 1993-GB1301	19930618

OS MARPAT 121:280369
 GI



AB The title compds. [I; A = (un)substituted fused naphtho, etc.; B = fused

benzo, etc.; R1 = H, Me, halogen; (un)substituted CO₂H, tetrazolyl, etc.; R2 = R1, (un)substituted carbonyl deriv.; R3, R4 = H, halogen, NH₂, NO₂, CN, sulfamoyl, C1-3 alkyl, C1-3 alkoxy, (un)substituted CO₂H, tetrazolyl; W = CO, sulfonyl, sulfinyl; X = W, COCH₂; Y = R₉O, R₉NR₁₀; R₉ = H, C1-15 hydrocarbyl; R₁₀ = H, C1-3 alkyl, CO₂Me, etc.; Z = OR₁₁, (un)substituted QNH, etc.; R₁₁ = H, C1-5 alkyl, (un)substituted Ph or PhCH₂; Q = H, C1-5 hydrocarbyl, etc.], which are gastrin and/or cholecystokinin receptor antagonists, are prepd. Thus, naphthalene was subjected to cycloaddn. with maleic anhydride, and the endo isomer intermediate amidated with 1-adamantylmethylamine, producing endo-(.-.-)-cis-8-(1-adamantylmethylaminocarbonyl)-5,6-benzobicyclo[2.2.2]oct-2-ene-7-carboxylic acid (II). II demonstrated gastrin receptor pK_B 5.9 and the cholecystokinin receptor pK_i 5.6.

L7 ANSWER 162 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:655510 CAPLUS

DN 121:255510

TI Preparation of [(pyrimidinyl)thiomethyl]cephalosporin inner salt antibiotics

IN Kim, Won Sub; Lim, Jong Chan; Bang, Chan Sik; Yeo, Jae Hong; Kim, Yong Zu;
Oh, Hun Seung; Son, Heui Sung; Kim, Mi Rry; Seo, Mie Kyeong; et al.

PA Lucky Ltd., S. Korea

SO Eur. Pat. Appl., 46 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PATENT NO.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI EP 584797 A2 19940302 EP 1993-113515 19930824

EP 584797	A3	19940608
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P.	AT	BE	CH	DE	DK	ES
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE

KR 9710069 B1 19970620

KR 1992-15176 A 19920824

KR 1993-16370 19930823

KR 1992-15176 A 19920824

KR 1992-15176 A 19920824

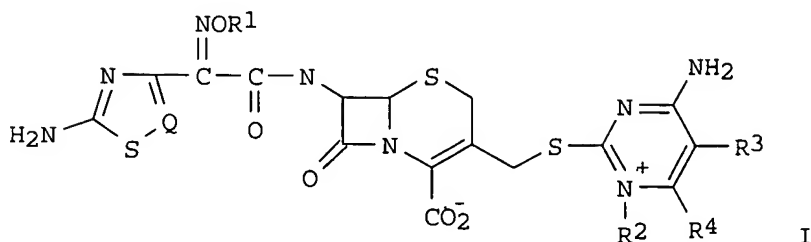
JP 06184162 A2 19940705 JP 1993-209405 19930824

JP 1993-209405 19930824

KR 1992-15176 A 19920824

OS MARPAT 121:255510

GI



AB The title compds. [I; Q = CH, N; R1 = H, C1-4 alkyl, C3-4 alkenyl, C3-4 alkynyl, etc.; R2 = C1-4 alkyl, carboxymethyl, hydroxyethyl, NH2; R3, R4 = H, C1-4 alkyl, (un)substituted NH2, PhCH2, etc.], which possess antibacterial activity against a broad spectrum of microbial pathogens, are prepd. Thus, para-methoxybenzyl 3-chloromethyl-7-[(Z)-2-(2-tert-butoxycarbonylprop-2-oxymino)-2-[2-(triphenylmethyl)aminothiazo-4-

yl]acetamido]-3-cephem-4-carboxylate was reacted with 4,5,6-triaminol-1-methyl-2-pyrimidinethione, producing I [Q = CH, R1 = C(Me2)CO2H, R2 = Me, R3 = R4 = NH2] (II). II demonstrated a MIC against Staphylococcus aureus (ATCC 6538p) of 8 .mu.g/mL.

L7 ANSWER 163 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:630759 CAPLUS

DN 121:230759

TI Thienopyridine derivatives and analogs useful as fibrinogen receptor antagonists

IN Hartman, George D.; Halczenko, Wasyl; Prugh, John D.

PA Merck and Co., Inc., USA

SO U.S., 21 pp.

CODEN: USXXAM

DT Patent

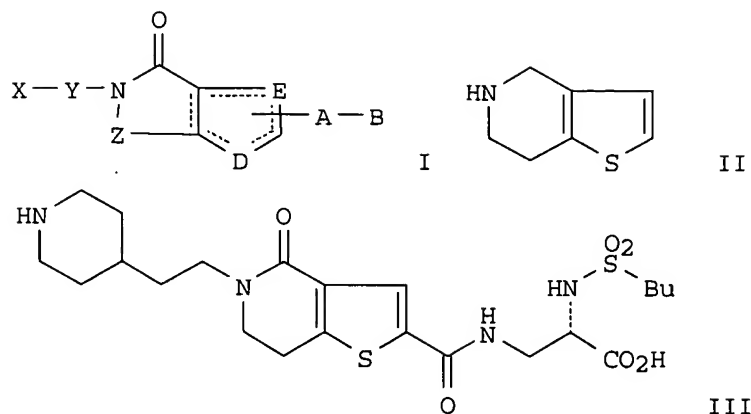
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5334596	A	19940802	US 1993-62510	19930511
	WO 9426745	A1	19941124	WO 1994-US4757	19940502
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TT, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				US 1993-62510	A 19930511
	AU 9468221	A1	19941212	AU 1994-68221	19940502
	AU 681668	B2	19970904		
				US 1993-62510	A 19930511
				WO 1994-US4757	W 19940502
	EP 698023	A1	19960228	EP 1994-916613	19940502
	EP 698023	B1	20000823		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
				US 1993-62510	A 19930511
				WO 1994-US4757	W 19940502
	JP 08509982	T2	19961022	JP 1994-525490	19940502
				US 1993-62510	A 19930511
				WO 1994-US4757	W 19940502
	AT 195737	E	20000915	AT 1994-916613	19940502
				US 1993-62510	A 19930511
				WO 1994-US4757	W 19940502
	ES 2148329	T3	20001016	ES 1994-916613	19940502
				US 1993-62510	A 19930511

OS MARPAT 121:230759

GI



AB Title compds. are disclosed, namely I [X = various (un)substituted, acyclic and cyclic amino, amidino, and guanidino groups, or certain (un)substituted mono- or polycyclic arom. or nonarom. hetero- or carbocyclic groups; Y, A = (CH₂)_mCONR₃(CH₂)_n, (CH₂)_mNR₃CO(CH₂)_n, (CH₂)_mNR₃(CH₂)_n, (CH₂)_mCO(CH₂)_n, (CH₂)_mO(CH₂)_n, (CH₂)_mCR₃:CR₄(CH₂)_n, (CH₂)_m, etc. (m, n = 0-6); Z = (CH₂)₁₋₅, (CH₂)_mCH:CH(CH₂)_n, (CH₂)_mCO(CH₂)_n, (CH₂)_mCH(OH)(CH₂)_n, (CH₂)_mSO₂(CH₂)_n, CR₃:N, (CH₂)_mO(CH₂)_n, etc. (m, n = 0-6); D, E = C, N, O, S; B = CR₅R₆COR₁₁, CR₇R₈CR₉R₁₀COR₁₁; R₃, R₄ = H, (un)substituted alkyl, etc.; R₅-R₁₀ = H, F, OH, alkoxy, (un)substituted alkyl, etc.; R₁₁ = OH, alkoxy, aralkoxy, etc., or L- or D-amino acid or their alkyl esters, joined via amide linkage]. I are useful for inhibiting fibrinogen binding and blood platelet aggregation, and for treating thrombus and embolus formation. For example, tetrahydrothienopyridine deriv. II underwent a sequence of N-alkylation with BOC-protected 2-(4-piperidinyl)ethyl iodide, oxidn. of the adjacent benzylic CH₂ to carbonyl with KMnO₄, lithiation of the available thiophene positions with BuLi, carboxylation with CO₂, sepn. of the isomeric acids, amidation of one isomer with (S)-H₂NCH₂CH(NHSO₂Bu)CO₂Me.HCl, and basic and acidic deprotections. The resultant title compd. III had IC₅₀ of 0.008 .mu.M for inhibition of ADP-induced platelet aggregation in vitro. Seven other compds. I were prepd. and tested.

L7 ANSWER 164 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:591489 CAPLUS

DN 121:191489

TI Thin-film organic electroluminescent element for flat display, etc.

IN Nishizaki, Koji; Takeuchi, Shigeki; Kinoshita, Akira; Shibata, Toyoko; Tamaki, Kyoshi

PA Konishiroku Photo Ind, Japan

SO Jpn. Kokai Tokkyo Koho, 143 pp.

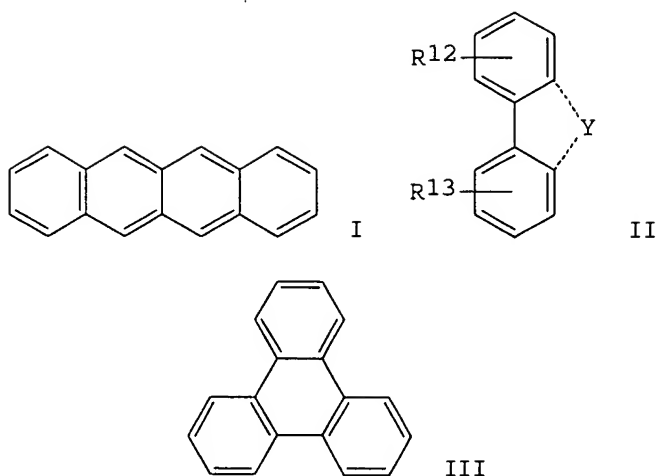
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05214334	A2	19930824	JP 1992-20031	19920205
OS	MARPAT 121:191489			JP 1992-20031	19920205
GI					



AB The title element is made by forming .gtoreq.1 layer(s) contg. a compd. in which 1 or 2 condensed rings are formed in an org. compd. I and/or a compd. having .gtoreq.1 substituent(s) in the compd. in which 1 or 2 condensed rings are formed in an org. compd. I, an org. compd. II [R12, R13 = H, halo(sub)alkyl, (sub)heterocyclyl, etc.; Y = anhyd. ring residue -C(:O)-O-(O:)C-, etc.], an org. compd. III and/or a compd. in which the org. compd. III has .gtoreq.1 substituent(s), etc. The element shows strong light-emitting intensity and durability for practical use.

L7 ANSWER 165 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:545201 CAPLUS

DN **121:145201**

TI Photographic processing composition and processing method

IN Inaba, Tadashi; Okada, Hisashi; Suzuki, Ryo Hisashi; Katsuoka, Yasuhiro; Seki, Hiroyuki

PA Fuji Photo Film Co., Ltd., Japan

SO Eur. Pat. Appl., 57 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 588289	A2	19940323	EP 1993-114696	19930913
	EP 588289	A3	19940727		
	EP 588289	B1	19990804		
	R: DE, FR, GB, NL				
	JP 06095319	A2	19940408	JP 1992-247814	19920917
	JP 2886748	B2	19990426	JP 1992-247814	19920917
	US 5338649	A	19940816	US 1993-120461	19930914
				JP 1992-247814	19920917

OS MARPAT 121:145201

AB A novel compn. for processing a silver halide photog. material is

provided, which comprises at least one metal chelate compd. composed of a chelate-forming compd. or salt thereof and a metal ion selected from the group consisting of Fe(III), Mn(III), Co(III), Rh(II), Rh(III), Au(II), Au(III), and Ce(IV), the chelate-forming compd. is represented by formula $G1(L1)mCX(CO2M)(L2)nNHL3G2$ wherein G1 and G2 each represents a carboxyl group, a phosphono group, a sulfo group, a hydroxyl group, a mercapto group, an aryl group, a heterocyclic group, an alkylthio group, an amidino group, a guanidino group, or a carbamoyl group; L1, L2, and L3 each represents a divalent aliph. group, a divalent arom. group, or a divalent connecting group formed by a combination of a divalent aliph. group and a divalent arom. group; m and n each represents an integer 0 or 1; X represents a hydrogen atom, an aliph. group or an arom. group; and M represents a hydrogen atom or a cation. A process for processing an imagewise exposed silver halide photog. material is provided, which comprises developing in a developing soln. and processing in the above described processing compn. contg. a metal chelate compd. Moreover, a processing compn. having a bleaching capacity for bleaching a silver halide color photog. material is provided, contg. the above described metal chelate compd. as a bleaching agent. A process for processing an imagewise exposed silver halide color photog. material is also provided which comprises developing in a color developing soln. and processing in the above described processing compn. having a bleaching capacity and contg. the above described metal chelate compd. as a bleaching agent.

L7 ANSWER 166 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:323604 CAPLUS

DN **120:323604**

TI preparation of condensed heterocyclic derivatives as weedkillers

IN Yokota, Sumio; Matsuzawa, Masafumi; Ohba, Nobuyuki; Nagata, Toshihiro; Tachikawa, Shigehiko

PA Kumiai Chemical Industry Co., Ltd., Japan; Ihara Chemical Industry Co., Ltd.

SO PCT Int. Appl., 134 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9401415	A1	19940120	WO 1993-JP909	19930702
	W: AU, BR, CA, RU, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				JP 1992-199054 A	19920703
				JP 1993-136808 A	19930514
	JP 07025857	A2	19950127	JP 1993-187364	19930630
				JP 1992-199054 A	19920703
				JP 1993-136808 A	19930514
	AU 9345131	A1	19940131	AU 1993-45131	19930702
	AU 662997	B2	19950921		
				JP 1992-199054 A	19920703
				JP 1993-136808 A	19930514
				WO 1993-JP909 A	19930702
	EP 606489	A1	19940720	EP 1993-914944	19930702
	R: BE, DE, DK, FR, GB, IT, SE				
				JP 1992-199054 A	19920703
				JP 1993-136808 A	19930514
				WO 1993-JP909 W	19930702
	BR 9305569	A	19951226	BR 1993-5569	19930702

			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			WO 1993-JP909 W 19930702
RU 2105005	C1	19980220	RU 1994-19415 19930702
			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			WO 1993-JP909 W 19930702
CN 1095379	A	19941123	CN 1993-117053 19930831
			JP 1993-136808 A 19930514
US 5616537	A	19970401	US 1994-204199 19940301
			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			WO 1993-JP909 W 19930702
US 5770544	A	19980623	US 1996-728531 19961009
			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			US 1994-204199 A319940301

OS MARPAT 120:323604

GI For diagram(s), see printed CA Issue.

AB Condensed heterocyclic derivs. [I; R = OH, ester residue; R3, R4 = alkoxy; W = O, NH; ring A = 5- or 6-membered heterocycle residue], effective weedkillers against gramineous and nongramineous weeds but safe to crops, are prepd. Oxidn. of aldehyde deriv. II (R1 = CHO) with KMnO4 in acetone at room temp. gave 76% acid II (R1 = CO2H), which killed >90% barnyard grass, Monochoria vaginalis, and Scirpus juncoides at 100 g/10 are.

L7 ANSWER 167 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:271074 CAPLUS

DN 120:271074

TI Nuclease-stable and binding-competent oligomers and methods for their use

IN Swaminathan, Sundaramoorthi; Jones, Robert J.; Matteucci, Mark; Munger, John; Pudlo, Jeff

PA Gilead Sciences, Inc., USA

SO PCT Int. Appl., 138 pp.
CODEN: PIXXD2

DT Patent

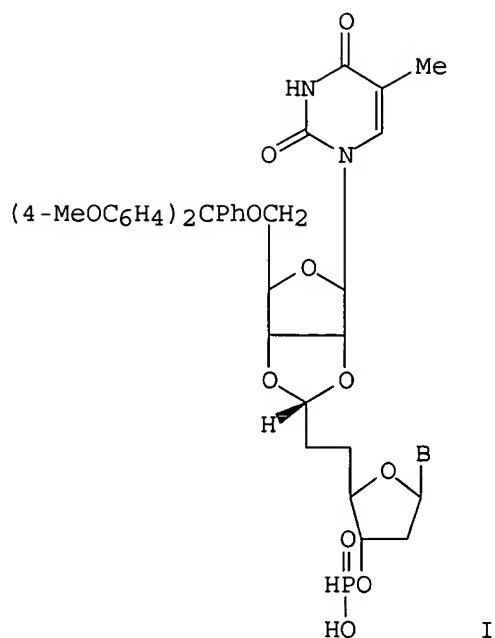
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9312135	A1	19930624	WO 1992-US10793	19921211
	W: AU, CA, JP, KR				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9332500	A1	19930719	US 1991-806710	19911212
				AU 1993-32500	19921211
				US 1991-806710	19911212
				WO 1992-US10793	19921211
	EP 616612	A1	19940928	EP 1993-900169	19921211
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
				US 1991-806710	19911212
				WO 1992-US10793	19921211
	US 5792608	A	19980811	US 1995-417632	19950406
				US 1991-806710	19911212
				US 1992-990848	19921211

OS MARPAT 120:271074

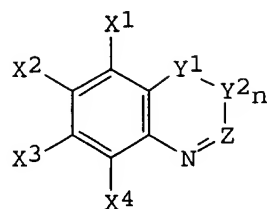
GI



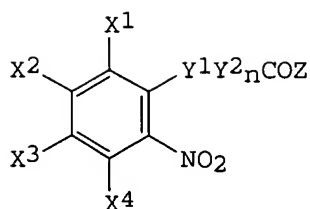
AB Oligonucleotide analogs coupled through a substitute linkage contg. a 6- or 7-membered ring or a C1-C3 chain were prepd. for use in diagnosis and therapy of diseases assocd. with gene expression (no data). Thus, the dimers I (B = thymidine, N-benzoyl-5-methylcytidine) were prepd. from the protected nucleosides via oxidn. to the aldehydes, Wittig reaction with HCOCH:PPh_3 , redn. of the double bond, and reaction of the satd. aldehyde with 5'-phenoxyacetylthymidine.

L7 ANSWER 168 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1994:217719 CAPLUS
 DN **120:217719**
 TI Preparation of nitrogen-containing heterocyclic compounds
 IN Watabe, Yoshihisa; Kondo, Teruyuki; Akazome, Motohiro
 PA Nissan Chemical Ind Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05239036	A2	19930917	JP 1992-41028	19920227
				JP 1992-41028	19920227
OS	CASREACT 120:217719; MARPAT 120:217719				
GI					



I



II

AB The title derivs. I [X1 - X4 = H, OH, CHO, COOH, halo, C2-8 acyl, (un)substituted Ph, carbonyl, amino, alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl, alkylsulfonyloxy, alkenyl, alkynyl, phenoxy, phenylthio, phenylsulfonyl; .gtoreq.2 of neighboring X1 to X4 may be combined with C, O, or N to form 5- or 6-membered cyclyl; Y1, Y2 = O, S, CO, NR1, CR2R3; Z = H, (un)substituted Ph, amino, alkyl, alkoxy, alkylthio, alkenyl, alkynyl, phenoxy, phenylthio, phenylsulfonyl; R1 - R3 = H, (un)substituted amino, alkyl, alkoxy; R1 and R2 or R3 and Z may be combined with C, O, or N to form 5-8 membered cyclyl; n = 0, 1] are prepd. by cyclization of nitrobenzenes II with CO in presence of groups VIIB and/or VIII catalysts. Autoclaving a mixt. of N-(2-nitrobenzoyl)-2-azacycloheptanone, Ru3(CO)12, and 1,4-dioxane at 140.degree. and 40 atm CO for 16 h gave 82% azacycloheptano[2,1-b]-4(3H)-quinazolinone.

L7 ANSWER 169 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:191707 CAPLUS

DN 120:191707

TI 2-Substituted saccharin derivative proteolytic enzyme inhibitors

IN Hlasta, Dennis John; Desai, Ranjit Chimanlal; Subramanyam, Chakrapani; Lodge, Eric Piatt; Dunlap, Richard Paul; Boaz, Neil Warren; Mura, Albert Joseph; Latimer, Lee Hamilton

PA Sterling Winthrop Inc., USA

SO Eur. Pat. Appl., 77 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 542372	A1	19930519	EP 1992-203469	19921112
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5236917	A	19930817	US 1991-793033 A	19911115
				US 1991-793033	19911115
				US 1989-347125	B219890504
				US 1989-347126	B219890504
				US 1990-514920	B219900426
	AU 9225340	A1	19930520	AU 1992-25340	19920925
	AU 654581	B2	19941110		
				US 1991-793033 A	19911115
	CA 2079822	AA	19930516	CA 1992-2079822	19921005
				US 1991-793033 A	19911115
	NO 9204401	A	19930518	NO 1992-4401	19921113
				US 1991-793033 A	19911115
	HU 66873	A2	19950130	HU 1992-3566	19921113
				US 1991-793033 A	19911115
	IL 103748	A1	19970218	IL 1992-103748	19921113
				US 1991-793033 A	19911115
	RU 2101281	C1	19980110	RU 1992-4381	19921113

JP 05194444	A2	19930803	US 1991-793033 A`19911115
			JP 1992-305295 19921116
US 5371074	A	19941206	US 1991-793033 A 19911115
			US 1993-67637 19930524
			US 1989-347125 B219890504
			US 1989-347126 B219890504
			US 1990-514920 B219900426
US 5650422	A	19970722	US 1991-793033 A319911115
			US 1994-270964 19940705
			US 1989-347125 B219890504
			US 1989-347126 B219890504
			US 1990-514920 B219900426
			US 1991-793033 A319911115
US 5596012	A	19970121	US 1993-67637 A319930524
			US 1995-449152 19950524
			US 1989-347125 B219890504
			US 1989-347126 B219890504
			US 1990-514920 B219900426
			US 1991-793033 A319911115
			US 1993-67637 A319930524
US 5874432	A	19990223	US 1994-270964 B319940705
			US 1997-803297 19970220
			US 1989-347125 B219890504
			US 1989-347126 B219890504
			US 1990-514920 B219900426
			US 1991-793033 A319911115
			US 1993-67637 A319930524
			US 1994-270964 A319940705

PATENT FAMILY INFORMATION:

FAN 1991:228897

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9013549	A1	19901115	WO 1990-US2434	19900501
	W: AU, FI, JP, KR, NO				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
				US 1989-347125 A	19890504
				US 1989-347126 A	19890504
	CA 1336960	A1	19950912	CA 1989-611223	19890913
				US 1989-347125 A	19890504
	CA 1340252	A1	19981215	CA 1989-611220	19890913
				US 1989-347126 A	19890504
	AU 9056649	A1	19901129	AU 1990-56649	19900501
	AU 637614	B2	19930603		
				US 1989-347125 A	19890504
				US 1989-347126 A	19890504
				WO 1990-US2434 A	19900501
	EP 471756	A1	19920226	EP 1990-907695	19900501
	EP 471756	B1	19971029		
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
				US 1989-347125 A	19890504
				US 1989-347126 A	19890504
				WO 1990-US2434 W	19900501
	JP 04507095	T2	19921210	JP 1990-507810	19900501
				US 1989-347125 A	19890504
				US 1989-347126 A	19890504
				WO 1990-US2434 W	19900501
	AT 159720	E	19971115	AT 1990-907695	19900501
				US 1989-347125 A	19890504

ES 2110414	T3	19980216	US 1989-347126 A 19890504
			ES 1990-907695 19900501
			US 1989-347125 A 19890504
IL 94278	A1	19950330	US 1989-347126 A 19890504
			IL 1990-94278 19900603
			US 1989-347125 A 19890504
DD 297644	A5	19920116	US 1989-347126 A 19890504
			DD 1990-343934 19900910
NO 9104217	A	19911028	US 1989-347125 A 19890504
			NO 1991-4217 19911028
			US 1989-347125 A 19890504
			US 1989-347126 A 19890504
US 5371074	A	19941206	WO 1990-US2434 W 19900501
			US 1993-67637 19930524
			US 1989-347125 B219890504
			US 1989-347126 B219890504
			US 1990-514920 B219900426
US 5380737	A	19950110	US 1991-793033 A319911115
			US 1993-113508 19930827
			US 1989-347125 B219890504
			US 1989-347126 B219890504
			US 1990-514920 A 19900426
			US 1990-608068 B219901101
			US 1991-782016 A 19911024
US 5650422	A	19970722	US 1991-793035 B119911115
			US 1994-270964 19940705
			US 1989-347125 B219890504
			US 1989-347126 B219890504
			US 1990-514920 B219900426
			US 1991-793033 A319911115
US 5464852	A	19951107	US 1993-67637 A319930524
			US 1994-289113 19940811
			US 1989-347125 B219890504
			US 1989-347126 B219890504
			US 1990-514920 A 19900426
			US 1990-608068 B219901101
			US 1991-782016 A 19911024
			US 1991-793035 B119911115
FI 9404967	A	19941021	US 1993-113508 A319930827
			FI 1994-4967 19941021
			US 1989-347125 A 19890504
			US 1989-347126 A 19890504
			WO 1990-US2434 W 19900501
US 5578623	A	19961126	FI 1991-5093 A 19911029
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			US 1989-347125 B219890504
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			US 1990-514920 B219900426
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US 5596012	A	19970121	US 1994-289113 A319940811
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			US 1994-270964	B319940705
FI 9600488	A	19960202	FI 1996-488	19960202
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			WO 1990-US2434	W 19900501
			FI 1991-5093	A 19911029
FI 9600489	A	19960202	FI 1996-489	19960202
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			US 1989-347126	A 19890504
			WO 1990-US2434	W 19900501
			FI 1994-4967	A 19941021
US 5773456	A	19980630	US 1996-719216	19960925
			US 1989-347125	B219890504
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			US 1990-608068	B219901101
			US 1991-782016	A219911024
			US 1991-793035	B119911115
			US 1993-113508	A319930827
			US 1994-289113	A319940811
			US 1995-445240	A319950519
US 5874432	A	19990223	US 1997-803297	19970220
			US 1989-347125	B219890504
			US 1989-347126	B219890504
			US 1990-514920	B219900426
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			US 1993-67637	A319930524
			US 1994-270964	A319940705
FAN 1992:469858				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI EP 483928	A1	19920506	EP 1991-202809	19911030
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			US 1990-608068	A 19901101
AU 9186083	A1	19920507	AU 1991-86083	19911024
AU 642537	B2	19931021		
			US 1990-608068	A 19901101
SG 69977	A1	20000125	SG 1996-7579	19911030
			US 1990-608068	A 19901101
CA 2054653	AA	19920502	CA 1991-2054653	19911031
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HU 63399	A2	19930830	HU 1991-3430	19911031
			US 1990-608068	A 19901101
IL 99913	A1	19961114	IL 1991-99913	19911031
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IL 114773	A1	19961205	IL 1991-114773	19911031
			US 1990-608068	A 19901101
			IL 1991-99913	A319911031
FI 9105163	A	19920502	FI 1991-5163	19911101
			US 1990-608068	A 19901101
NO 9104288	A	19920504	NO 1991-4288	19911101
			US 1990-608068	A 19901101
JP 04273866	A2	19920930	JP 1991-288080	19911101
			US 1990-608068	A 19901101
RU 2114843	C1	19980710	RU 1991-5010338	19911101
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FAN 1993:580801				
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FAN 1995:408386			
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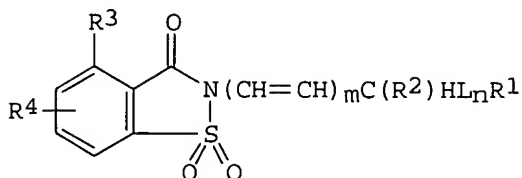
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US 5250696	A	19931005	US 1992-860340 19920330
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US 5773456	A	19980630		FI 1994-4968 A 19941021
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FAN 1995:568342				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 5306818	A	19940426	US 1992-965593 A 19921023	
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FAN 1996:323963				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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IL 114773	A1	19961205	IL 1991-114773 19911031	
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US 5250696	A	19931005	US 1992-860340 19920330	
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			US 1991-782016 A319911024	

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			US 1990-514920	A 19900426
			US 1990-608068	B219901101
			US 1991-782016	A 19911024
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HU 70756	A2	19951030	HU 1994-569	19940225
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HU 70764	A2	19951030	HU 1991-3430	A 19911031
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US 5464852	A	19951107	HU 1991-3430	A 19911031
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			US 1991-793035	B119911115
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US 5578623	A	19961126	FI 1991-5163	A 19911101
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			US 1989-347126	B219890504
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FI 9600490	A	19960202	US 1993-116416	A319930903
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			US 1990-608068	A 19901101
US 5773456	A	19980630	FI 1994-4968	A 19941021
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			US 1993-113508	A319930827

US 1994-289113 A319940811
US 1995-445240 A319950519

OS MARPAT 120:191707
GI



I

AB The title compds. I [L = O, S, SO, SO₂; R₁ = (un)substituted Ph, (un)substituted heterocyclyl, etc.; R₂ = H, lower alkoxy carbonyl, Ph, PhS; R₃ = H, halogen, (un)substituted alkyl, Ph, lower alkoxy, lower alkoxy carbonyl, CN, etc.; R₄ = H or 1-3 substituents selected from halogen, CN, NO₂, NH₂, etc.; m, n = 0, 1; when m = 0 then R₁ can only be heterocyclyl and CHR₂ can only be bonded to a ring N of R₁; when m = 0, n = 1 and L is O, S, or SO, then R₂-R₄ = H; when m = 0, n = 1, L is S, R₂, R₄ = H and R₃ = halogen; when m = 0, n = 1, and L is SO or SO₂ then R₂ is lower alkoxy carbonyl and R₃ = R₄ = H while R₁ .noteq. substituted Ph], useful for the treatment of degenerative diseases (no data), are prepd. Thus, 2-hydroxymethyl-4-chlorosaccharin was reacted with thionyl chloride, producing 2-chloromethyl-4-chlorosaccharin (II). II demonstrated inhibition const. for human leukocyte elastase (rate of reactivation of enzyme to rate of inactivation of enzyme) of 0.5 nM and 26 nM for .alpha.-chymotrypsin.

L7 ANSWER 170 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:134530 CAPLUS

DN **120:134530**

TI Preparation of (imidazolyl- and imidazolylalkyl)indole derivatives as inhibitors of thromboxane A₂ synthesis and histamine

IN Matsui, Hiroshi; Kamiya, Shoji; Shirahase, Hiroaki; Nakamura, Shohei

PA Kyoto Pharmaceutical Industries, Ltd., Japan

SO PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9320065	A1	19931014	WO 1993-JP378	19930326
W: AU, CA, JP, KR, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2109931	AA	19931014	JP 1992-102071	19920327
			CA 1993-2109931	19930326
			JP 1992-102071	19920327
AU 9337680	A1	19931108	AU 1993-37680	19930326
AU 658729	B2	19950427		
			JP 1992-102071	19920327
			WO 1993-JP378	19930326
EP 597112	A1	19940518	EP 1993-906837	19930326

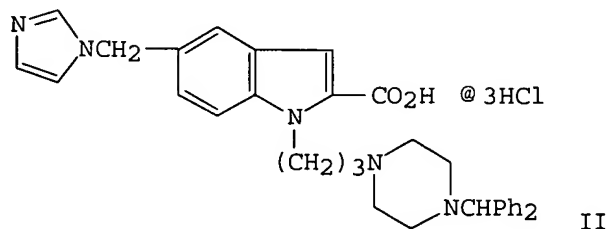
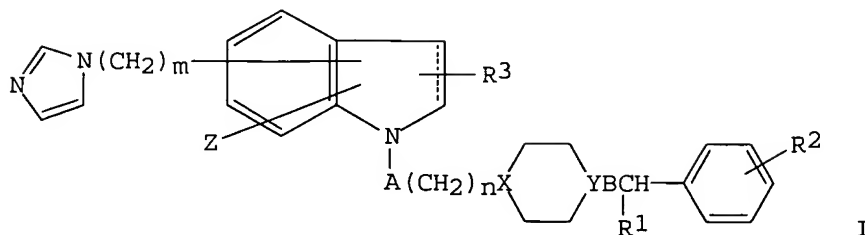
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE

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JP 1992-102071 19920327
 WO 1993-JP378 19930326
 US 1995-393042 19950223
 JP 1992-102071 19920327
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OS MARPAT 120:134530

GI



AB The title compds. (I; R₁ = H, aryl; R₂ = H, halo, lower alkyl or alkoxy; R₃ = H, lower alkyl; A = bond, CO, CH₂CO, CONH, COCH₂O, alkyleneoxy; B = bond, O, alkylene, alkyleneoxy; X = Y = N or one of X and Y = N and the other = CH; Z = H, CO₂H or its ester; m, n = 0-4), also having vasodilating and blood platelet aggregation-inhibiting activity and inhibiting histamine- and leukotriene-induced contraction of a respiratory tract and useful for prevention and/or treatment of diseases induced by thromboxane A₂ or histamine, e.g. asthma and allergy, are prepd. Thus, alkylation of 2-ethoxycarbonyl-5-(1H-imidazol-ylmethyl)-1H-indole by Br(CH₂)₃Cl in the presence of NaH in DMF and condensation of the resulting 1-(3-chloropropyl)indole deriv. with 1-diphenylmethylpiperazine in the presence of K₂CO₃ and NaI in DMF at 80.degree. gave, after sapon. with NaOH in 95% aq. EtOH and acidification with 3 N aq. HCl, an (imidazolylpropyl)indoline deriv. (II). II at 10⁻⁵ M in vitro inhibited 100% the histamine-induced contraction of guinea pig's lungs and at 30 mg/kg p.o. in vivo inhibited the histamine- and leukotriene D₄-induced contraction of respiratory tract by 100 and 75%, resp.

L7 ANSWER 171 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:107001 CAPLUS

DN 120:107001

TI Heterocyclic and aromatic amidine derivatives and salts thereof

IN Nagahara, Takayasu; Kanaya, Naoaki; Inamura, Kazue; Yokoyama, Yukio

PA Daiichi Pharmaceutical Co., Ltd., Japan

SO Eur. Pat. Appl., 94 pp.

CODEN: EPXXDW

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	CN 1049434	B	20000216		
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CN 1168885	A	19971231	CN 1997-110745 19970416
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CN 1168886	A	19971231	CN 1997-110748 19970416
CN 1062865	B	20010307	
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US 5866577	A	19990202	US 1997-924504 19970905
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			US 1992-969369 B119921030
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US 5962695	A	19991005	US 1998-131235 19980807
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			US 1994-282571 B319940729
			US 1995-469593 B119950606
			US 1997-924504 A319970905

OS MARPAT 120:107001

GI For diagram(s), see printed CA Issue.

AB The title compds. I (where the benzeno-Z ring is indolyl, benzimidazolyl, naphthyl, etc.; R = HN:CNH₂; R₁ = H, alkoxy; R₂ = H, alkyl, alkoxy, etc.; R₃ = H, carboxyl, etc.; R₄ = H, OH, alkyl, alkoxy; A = C1-4 alkylene; X = single bond, O, S, CO; n = 0-4; Y = heterocyclic or cyclic hydrocarbon moiety) useful as anticoagulant agents were prepd. by treating I (R = CN) with R₅OH (R₅ = alkyl) to give I (R = R₅OC:NH) followed by treatment with NH₃. Some of the prepd. compds. showed strong anticoagulant activity through their specific anti-FXa activity in comparison with DABE.

L7 ANSWER 172 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:673400 CAPLUS

DN **119:273400**

TI Continuous reaction of halopyrimidines with amines

IN Arnold, Siegbert; Frosch, Hans Georg; Hoppe, Manfred; Muellers, Wolfgang; Sommer, Richard

PA Bayer A.-G., Germany

SO Eur. Pat. Appl., 26 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 542079	A2	19930519	EP 1992-118736	19921102
	EP 542079	A3	19940817		
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	R: CH, DE, FR, GB, LI				
	DE 4137291	A1	19930519	DE 1991-4137291	19911113
	JP 05222306	A2	19930831	DE 1991-4137291	19911113
				JP 1992-321425	19921106
				DE 1991-4137291	19911113
	US 5420255	A	19950530	US 1994-200865	19940222
				DE 1991-4137291	19911113
				US 1992-970897	19921103

OS MARPAT 119:273400

AB Reactive dyes are obtained by continuous condensation of halopyrimidines with aq. amine solns. or dispersions using sep. feeding of the reactants, and removal of the product; the reactants are simultaneously added to the

reactor with intensive stirring, e.g., at Reynolds no. .gtoreq.2500. Thus, 9 kg/h 5-chloro-2,4,6-trifluoropyrimidine (I) at 20.degree. and 171 L/h aq. soln. at 40.degree. contg. 12.9 kg Na 7-amino-4-hydroxy-2-naphthalenesulfonate and 2.1 kg NaF were introduced (with I pressure drop 35 bars) to a jet nozzle reactor and the product at 0.degree. was coupled with diazotized 2-amino-5-methoxybenzenesulfonic acid to give an azo dye. The dye provided clear scarlet shades on cotton.

L7 ANSWER 173 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:671017 CAPLUS

DN 119:271017

TI Preparation of pyridylaminocyclopentanecarboxamide having antihypertensive properties

IN Fink, Cynthia A.; Spada, Alfred P.

PA Rhone-Poulenc Rorer Pharmaceuticals Inc., USA

SO U.S., 14 pp. Cont.-in-part of U.S. Ser. No. 587,884.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5217982	A	19930608	US 1990-614323	19901115
				US 1990-587884 A219900925	
	CA 2092305	AA	19920326	CA 1991-2092305	19910925
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	AT 147074	E	19970115	AT 1991-917927	19910925
				US 1990-587884 A	19900925
	ES 2095960	T3	19970301	ES 1991-917927	19910925
				US 1990-587884 A	19900925
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PATENT FAMILY INFORMATION:

FAN 1992:571963

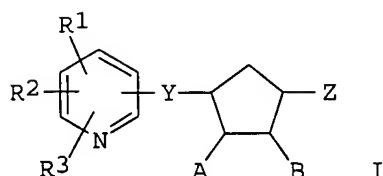
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	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
				US 1990-587884 A	19900925
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FAN	1995:261298			SG 1996-3118 19910925
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	US 5561134	A	19961001	US 1994-316761 19941003
				US 1990-587884 B219900925
				US 1992-955783 A219921002
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	US 5736554	A	19980407	US 1995-455361 19950531
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				US 1994-229882 B219940419
				US 1994-316761 A119941003
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BG 63799	B1	20030131	BG 1996-100963 19961106
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			US 1994-316761 A 19941003
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			US 1994-229882 A 19940419
			US 1994-316761 A 19941003
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			US 1994-229882 A 19940419
			US 1994-316761 A 19941003
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			US 1994-229882 A 19940419
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			WO 1995-US4800 W 19950419
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FI 9604218	A	19961217	WO 1995-US4800 W 19950419
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BG 63799	B1	20030131	WO 1995-US4800 W 19950419
			BG 1996-100963 19961106
			US 1994-229882 A 19940419
			US 1994-316761 A 19941003
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			CZ 1996-3032 A319950419
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PI US 5652366	A	19970729	US 1995-484811 19950607
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US 5561134	A	19961001	US 1994-316761 19941003
			US 1990-587884 B219900925
			US 1992-955783 A219921002
			US 1994-229882 B219940419
OS MARPAT 119:271017			
GI			



AB Title compds. I (R1, R2, R3 = O2N, NC, HO2C, carboalkoxy, carboaryloxy, carboaralkoxy, carbamoyl, alkylcarbamoyl, halo, acyl, etc.; Y = O, S, RyN wherein Ry = H, alkyl; A, B = H, HO, alkoxy, aralkoxy, aryloxy, HS, alkylthio, etc., provided that A, B are not both H; Z = carbamoyl, alkylcarbamoyl, mercaptomethyl, NC, (mono- or dialkyl)amino, etc.) or a salt thereof, are prepd. 4-Amino-2-chloro-3-nitropyridine, 4.beta.-amino-2.alpha.,3.alpha.-dimethylmethylenedioxycyclopentane-1.beta.-N-ethylcarboxamide and Et3N were refluxed in MeNO2 to give 4.beta.-(4-amino-3-nitro-2-pyridyl)-2.alpha.,3.alpha.-dimethylmethylenedioxycyclopentane-1.beta.-N-ethylcarboxamide which was treated with HCO2H to give 4.beta.-(4-amino-3-nitro-2-pyridyl)amino-2.alpha.,3.alpha.-dihydroxycyclopentane-1.beta.-N-ethylcarboxamide (II). The ED25 in vivo mean arterial blood pressure in spontaneously hypertensive rate of II was 6.1 mg/kg.

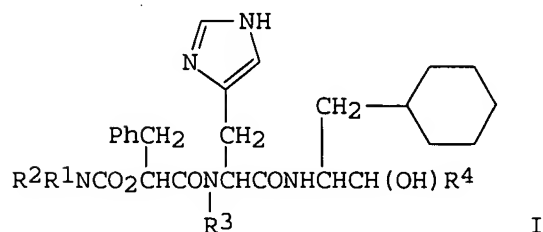
L7 ANSWER 174 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1993:552116 CAPLUS
 DN 119:152116

TI Use of renin inhibitors for the treatment of glaucoma
 IN Tanaka, Yoko; Kagayama, Akira; Hata, Takehisa
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 25 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9312796	A1	19930708	WO 1992-JP1656	19921218
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				GB 1991-27041	19911220
	AU 9331712	A1	19930728	AU 1993-31712	19921218
	AU 661748	B2	19950803		
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				WO 1992-JP1656	19921218
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	CN 1088934	A	19940706	CN 1993-101190	19930102
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OS	MARPAT 119:152116				
GI					



AB The renin-inhibiting histidine derivs. I [R1 = (un)substituted alkyl or amino; R2, R3 = H, alkyl; NR1R2 = heterocyclyl; R4 = alkyl] or I salts are drugs for the treatment of glaucoma. Eye application of 0.2% 2(S)-[N.alpha.-[2(S)-[N-methyl-N-[2-[N-(morpholinocarbonyl)-N-methylamino]ethyl]aminocarbonyloxy]-3-phenylpropionyl]-N.alpha.-methyl-L-histidyl]amino-1-cyclohexyl-3(S)-hydroxy-6-methylheptane-HCl lower intraocular pressure in the rabbit.

L7 ANSWER 175 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:495543 CAPLUS

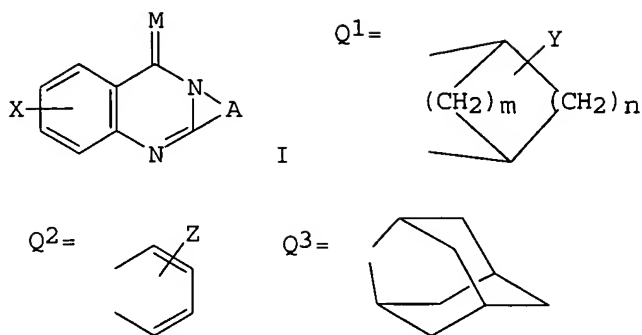
DN 119:95543

TI Preparation of annelated quinazoline derivatives as acetylcholinesterase

inhibitors for treatment of cognitive deficiency

IN Gregor, Vlad Edward
 PA Warner-Lambert Co., USA
 SO PCT Int. Appl., 137 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9303034	A1	19930218	WO 1992-US5864	19920722
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	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
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				US 1992-911662	19920716
	AU 9223978	A1	19930302	AU 1992-23978	19920722
	AU 665207	B2	19951221		
				US 1991-736888	19910729
				US 1992-911662	19920716
				WO 1992-US5864	19920722
	EP 597956	A1	19940525	EP 1992-916726	19920722
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
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				WO 1992-US5864	19920722
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	CZ 281628	B6	19961113	CZ 1994-135	19920722
				US 1991-736888	19910729
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				WO 1992-US5864	19920722
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OS	MARPAT 119:95543				
GI					



AB Title compds. I; A = null, Q1-Q3, etc.; m = 0-10; n = 1-10; M = O, S, NR, :CRR1, RR1; X = null, 1-4 of halo, alkyl, alkenyl, alkynyl, (unsatd.) cycloalkyl, heterocyclyl, (hetero)aryl; amino, NO₂, alkylthio, perfluoroalkyl, perfluoroalkoxy, heteroarylcarbonyl, etc.; Y = H, OH, CO₂H, alkoxy, alkyl, aryl, heteroaryl, keto, alkoxycarbonyl, alkanoyl, etc.; Z = H, halo, alkyl, alkenyl, alkynyl, (unsatd.) cycloalkyl, heterocyclyl, heteroaryl, SH, OH, CO₂H, carboalkoxy, alkoxy, perfluoroalkyl, perfluoroalkoxy, etc.; R, R1 = H, OH, alkyl, alkenyl, alkynyl, OH, alkoxy, aryl, aryloxy, arylalkyl, heteroaryl, heteroarylalkyl; RR1 = atoms to form a 3-6 membered (heterocyclic) ring], were prepd. Thus, 4-chloroanthranilic acid was refluxed with 1-aza-2-methoxy-1-cycloheptene in C₆H₆ with azeotropic removal of H₂O to give 76.7% 3-chloro-6,7,8,9-tetrahydroazepino[2,1-b]quinazolin-12(6H)-one. This was heated with Zn/HOAc/HCl to give 3-chloro-6,7,8,9,10,12-hexahydroazepino[2,1-b]quinazoline. This inhibited human red blood cell acetylcholinesterase with IC₅₀ = 500 nM.

L7 ANSWER 176 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:482775 CAPLUS

DN 119:82775

TI Color photographic material for color proofing

IN Inoe, Akyuki; Hirano, Shigeo; Hanaki, Koichi

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 40 pp.

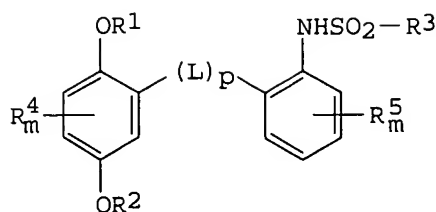
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DT Patent

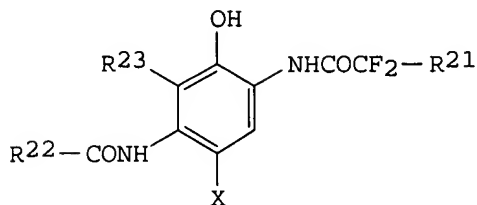
LA Japanese

FAN.CNT 1

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PI	JP 04299339	A2	19921022	JP 1991-87399	19910328
				JP 1991-87399	19910328
OS	MARPAT 119:82775				
GI					



I



II

AB The title photog. material contains I [R1,2 = H, group which will release OH during development; R3 = alkyl, aryl, alkenyl, alkynyl, heterocyclyl, amino; R4,5 = benzene ring substituent group; m = 0-4; n = 0-3; L = bivalent linking group; p = 0-3] and II [R21 = H, halo, alkyl; R22 = alkyl, aryl, heterocyclyl; R23 = H, halo, alkyl, alkoxy, aryloxy, carbo; X = H, coupling-releasable group]. Halftone reprodn. is improved.

L7 ANSWER 177 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:233888 CAPLUS

DN **118:233888**

TI Substituted bicyclic bisaryl compounds exhibiting selective leukotriene B4 antagonist activity, their preparation and use in pharmaceutical compositions

IN Dereu, Norbert; Hendel, Wolfram; Labaudiniere, Richard

PA Rhone-Poulenc Rorer S. A., Fr.

SO PCT Int. Appl., 95 pp.

CODEN: PIXXD2

DT Patent

LA English

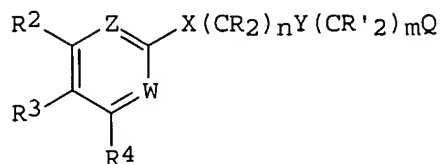
FAN.CNT 1

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	AU 9181948	A1	19920218	AU 1991-81948	19910718
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				WO 1991-EP1341	19910718
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	JP 05508845	T2	19931209	JP 1991-512181	19910718

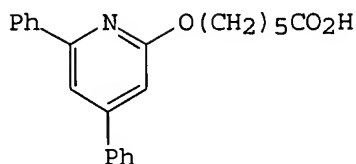
			FR 1990-9453	19900724
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HU 68663	A2	19950728	HU 1993-190	19910718
			FR 1990-9453	19900724
ZA 9105759	A	19920527	ZA 1991-5759	19910723
			FR 1990-9453	19900724
NO 9300201	A	19930121	NO 1993-201	19930121
			FR 1990-9453	19900724
			WO 1991-EP1341	19910718
US 5366982	A	19941122	US 1993-966151	19930217
			FR 1990-9453	19900724
			WO 1991-EP1341	19910718
US 5492915	A	19960220	US 1994-318919	19941006
			FR 1990-9453	19900724
			US 1993-966151	19930217

OS MARPAT 118:233888

GI



I



II

AB Title compds. I [R, R' = R1 (wherein R1 = H, alkyl, alkenyl, cycloalkyl, aralkyl, aryl, etc.), R1-alkyl, or vicinal R and(or) R' together = (CH₂)_y wherein y = 2-4, thus forming a 4-6-membered ring), geminal R and(or) R' may form a spiro substituent CH₂(CH₂)_zCH₂ wherein z = 0-4, R₅CH: wherein R₅ = H, alkyl; m = 1-8; n = 0-8; n+m = 2-8; X = O, S, R'¹N, R'¹NCO, COR'¹N wherein R'¹ = H, alkyl, or aralkyl, (R'¹)₂C, CR':CR', OR'CH, bond; Y = S, O, R'¹N, (R'¹)₂C, CR':CR', R'¹NCO, COR'¹N, CO, CR'OH, phenylene, naphthylene, N-contg. cyclene; W, Z = R'¹C, N, provided that when both W and Z are N then n+m = 2-6; R₂, R₃, R₄ = R1, R1-alkyl, (substituted) mono-, bicyclic aryl or heteroaryl, R₂R₃ or R₃R₄ together with the ring to which they are attached may form a (substituted) fused bicyclic, etc.; Q = cyano, R₆O₂C, (R₇)₂NCO, R₆O₂SNHCO, wherein R₆ = H, alkyl, aralkyl, R₇ = H, alkyl, aralkyl, cycloalkyl, (substituted) tetrazolyl, etc.], and salts thereof, are prepd. 4,6-Diphenyl-2-pyridone, BrCH₂(CH₂)₄CO₂Et, and Ag₂CO₃ in MePh were refluxed for 24 h to give Et 6-[(4,6-diphenyl-2-pyridyl)oxy]hexanoate to which in EtOH was added NaOH to give title compd. II. The IC₅₀ of II for inhibiting binding of tritiated LTB₄ to receptors of guinea pig spleen membranes was 3 .mu.M. Tablet formulations of I are given.

L7 ANSWER 178 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1992:128686 CAPLUS

DN 116:128686

TI Benzoheterocyclic compounds

IN Ogawa, Hidenori; Miyamoto, Hisashi; Kondo, Kazumi; Yamashita, Hiroshi; Nakaya, Kenji; Komatsu, Hajime; Tanaka, Michinori

PA Otsuka Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 909 pp.

CODEN: PIXXD2

DT Patent

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9105549	A1	19910502	WO 1990-JP1340	19901018
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				JP 1990-66063 A	19900315
				JP 1990-105580 A	19900420
				JP 1990-181858 A	19900709
				JP 1991-87994	19910419
	EP 450097	A1	19911009	EP 1990-915185	19901018
	EP 450097	B1	19960424		
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				WO 1990-JP1340 W	19901018
	ES 2089033	T3	19961001	ES 1990-915185	19901018
				JP 1989-274338 A	19891020
				JP 1990-66063 A	19900315
				JP 1990-105580 A	19900420
				JP 1990-181858 A	19900709
	CN 1051038	A	19910501	CN 1990-108449	19901019
	CN 1027505	B	19950125		
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				JP 1990-181858 A	19900709
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	CN 1035670	B	19970820		
				JP 1991-87994 A	19910419
	ES 2078576	T3	19951216	ES 1992-106606	19920416
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JP 2916536 B2 19990705

US 5244898 A 19930914

CN 1107146 A 19950823

CN 1048484 B 20000119

US 5753677 A 19980519

JP 1991-87994 A119910419

US 1992-870318 19920417

JP 1991-87994 A 19910419

CN 1994-101827 19940302

JP 1989-274338 A 19891020

JP 1990-181858 A 19900709

US 1995-474544 19950607

US 1991-762015 B219910619

US 1992-851541 A319920313

US 1993-76804 A319930610

PATENT FAMILY INFORMATION:

FAN 1993:649979

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PI	JP 04321669	A2	19921111	JP 1991-182066	19910419
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				JP 1991-182066 A	19910419
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US 5559230		A	19960924	US 1993-76804	19930610
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				US 1992-851541 A3	19920313
US 5753677		A	19980519	US 1995-474544	19950607
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				US 1993-76804 A3	19930610
US 5985869		A	19991116	US 1997-893925	19970715
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				JP 1991-182066 A	19910419
				US 1992-851541 A3	19920313
				US 1993-76804 A3	19930610
				US 1995-474544 A3	19950607

OS MARPAT 116:128686

GI For diagram(s), see printed CA Issue.

AB Title compds. I [X = atoms required to complete a 6-8-membered ring optionally contg. other heteroatoms; R = substituted Ph; R1 = H, halogen, alkyl, NH2, substituted NH2, aminoalkoxy, (un)substituted BzO] (.apprx.1000 compds.) were prepd. by various methods. Benzazepines II (R2 = NMe2, R3 = 2-MeC6H4; R2 = OH, R3 = 3,5-Cl2C6H3; R2 = H, R3 = 2,3-Me2C6H3) tripled urine excretion in rats at 0.4-4.2 mg/kg i.v.

L7 ANSWER 179 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1991:583340 CAPLUS

DN 115:183340

TI Preparation of (sulfonylcarbamoyl)pyrimidines as herbicides and plant

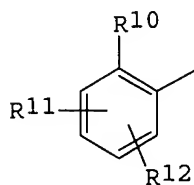
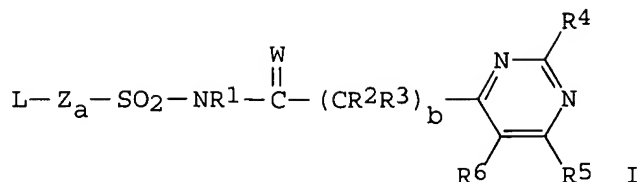
growth regulators
 IN Ort, Oswald; Willms, Lothar; Bauer, Klaus; Bieringer, Hermann; Schulz,
 Arno; Sachse, Burkhard; Braun, Peter
 PA Hoechst A.-G., Germany
 SO Ger. Offen., 94 pp.
 CODEN: GWXXBX

DT Patent

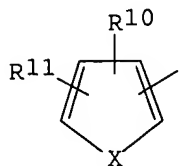
LA German

FAN.CNT 1

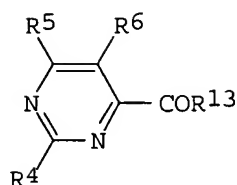
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	WO 9106541	A1	19910516	WO 1990-EP1768	19901018
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	AU 9066395	A1	19910531	AU 1990-66395	19901018
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				WO 1990-EP1768	19901018
	EP 497851	A1	19920812	EP 1990-916278	19901018
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	BR 9007776	A	19920915	BR 1990-7776	19901018
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	ZA 9008461	A	19910828	ZA 1990-8461	19901023
				DE 1989-3935277	19891024
	US 5324710	A	19940628	US 1992-849034	19920421
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OS	MARPAT 115:183340				
GI					



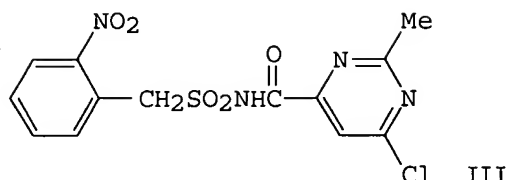
Q



Q1



II



III

AB Title compds. [I; R1 = H, alkyl, alkenyl, alkynyl; R2,R3 = H, alkyl, Ph; W = O, S, NR7, NOR7; Z = CHR2, O, NR7, NOR7; R4,R5 = H, HO, halo, (un)substituted alkyl(thio), alkoxy, NR8R9; R6 = H, halo, cyano, NO2, alkyl, etc.; R7 = H, (halo)alkyl, Ph; R8 = H, alkyl; R9 = R8, alkoxy, alkenyl; L = (hetero)cyclic moiety Q,Q1; R8,R9 = CH2CH2(CH2)cCH2CH2, CH2CH2OCH2CH2; R1 = H, halo, NO2, cyano, etc.; R11 = H, halo. etc.; R12 = H, (halo)alkyl, (un)substituted Ph; X = O, SOd; a, b, c = 0, 1; d = 0-2] were prepd., e.g., by amidation of pyrimidine-4-carboxylic acid derivs. (II; R13 = halo, OR10, OCH2Ph; R4-R6, R10 as above, with a proviso) (also claimed) with sulfonamides LZSO2NHR1. Thus, a mixt. of 2.3 g DCC, 120 mg 4-dimethylaminopyrimidine, and 1.9 g 6-chloro-2-methylpyrimidine-4-carboxylic acid in 80 mL CH2Cl2 was stirred 0.5 h at 0.degree. with 2.2 g 2-O2NC6H4CH2SO2NH2 and the mixt. allowed to stand for 2 days at room temp. to give 1.55 g title compd. III. I [R1 = R6 = H, R4 = R5 = OMe, L = 2-(MeO2C)C6H4, W = O, a = b = 0] at 0.3 kg/ha pre- and postemergence gave 80-100% control of *Stellaria media* and *Sinapis alba*.

L7 ANSWER 180 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1990:440711 CAPLUS

DN 113:40711

TI Preparation of pyrimidopyrimidine derivatives useful as bronchodilators, vasodilators, antiallergic agents, and phosphodiesterase inhibitors

IN Coates, William John

PA Smith Kline and French Laboratories Ltd., UK

SO Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DT Patent

LA English

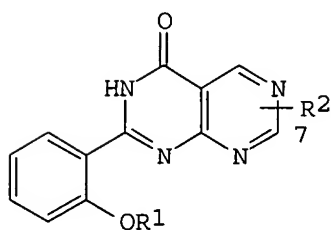
FAN.CNT 1

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	EP 351058	B1	19930602		

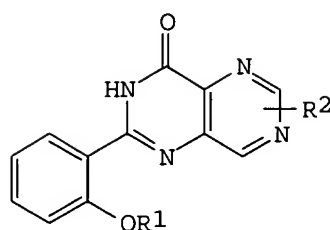
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE

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			GB 1988-14352	19880616
			EP 1989-305910	19890612
ES 2055056	T3	19940816	ES 1989-305910	19890612
			GB 1988-14352	19880616
CA 1339573	A1	19971209	CA 1989-602442	19890612
			GB 1988-14352	19880616
AU 8936358	A1	19900104	AU 1989-36358	19890614
AU 612853	B2	19910718		
			GB 1988-14352	19880616
DK 8902971	A	19891217	DK 1989-2971	19890615
			GB 1988-14352	19880616
ZA 8904564	A	19910424	ZA 1989-4564	19890615
			GB 1988-14352	19880616
JP 02040388	A2	19900209	JP 1989-155561	19890616
JP 2744070	B2	19980428		
			GB 1988-14352	19880616
US 5162316	A	19921110	US 1991-669691	19910313
			GB 1988-14352	19880616
			US 1989-365341	19890613

OS MARPAT 113:40711
GI



I



II

AB Title compds. I and II [R1 = alkyl, alkenyl, cycloalkylalkyl, fluoroalkyl; R2 = alkylthio, alkylsulfonyl, alkoxy, OH, H, NHH2, alkyl, Ph, NHCOR3, NR4R5; R3 = H, alkyl; R4,R5 = H, (substituted) alkyl or cycloalkyl; or NR4R5 = pyrrolidino, piperidino, hexahydroazepino, morpholino, piperazino] were prepd. Thus, cyclocondensation of 2-propoxybenzamidone with Et 4-chloro-2-methylthio-5-pyrimidinecarboxylate in isopropanol gave I (R1 = Pr, R2 = 7-SMe) (III). At 50 .mu.mol/kg i.v. in anesthetized rats, III increased hindquarter blood flow by 43.7%. over 40 compds., all I, were prepd. Two formulations and addnl. biol. data (bronchodilation and antiallergic activity in comparison to ovalbumen, and selective inhibition of calmodulin-insensitive cyclic GMP phosphodiesterase) are given.

L7 ANSWER 181 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1988:565722 CAPLUS
DN 109:165722
TI Preparation of triazolinone herbicides
IN Theodoridis, George
PA FMC Corp., USA
SO PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8801133	A1	19880225	WO 1987-US1928	19870805
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	RW: BE, CH, DE, FR, GB, IT				
	EP 322413	A1	19890705	US 1986-898453	19860820
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	HU 48799	A2	19890728	US 1986-898453	19860820
				HU 1987-4354	19870805
				US 1986-898453	19860820
				WO 1987-US1928	19870805
	BR 8707779	A	19890815	BR 1987-7779	19870805
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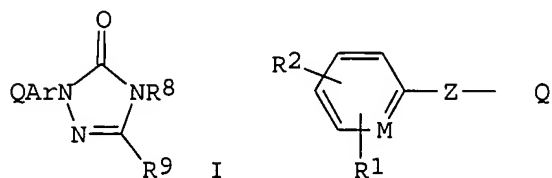
PATENT FAMILY INFORMATION:

FAN 1992:255620

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PI	US 5084085	A	19920128	US 1990-562544	19900803
				US 1986-898453	19860820
				US 1988-161348	19880219
				US 1989-449091	19891208

OS MARPAT 109:165722

GI.



AB Herbicidal compds. are described, characterized by the formula I [R1 = H, alkyl, halo, haloalkyl, NO2, alkoxy, alkylthio, cyano; R2 = H, halo, alkyl, haloalkyl, alkoxy, haloalkoxy, NO2, NH2, alkylthio, CO2H, CONHSO2R5, CONH2, CONHR5, CONHOR7, CO2CHR4CO2R3, NHSO2R7, N(SO2R7)2, SCHR6COR3, R3(COCHR4O)n, etc.; M = CH, N; Z = O, S, NH, alkylamino; R3 = OH, alkoxy, NH2, NHSO2R5, N(SO2R5)SO2R6, etc.; R4 = H, Me; R5, R6 = alkyl, haloalkyl, aryl; R7 = alkyl; Ar = substituted benzene ring; n = 1, 2]. Ar, R8, and R9 are so chosen that when Q is MeO or propargyloxy instead of the formula given above, I is an herbicide. 1-[4-Chloro-2-fluoro-5-(4-hydroxyphenoxy)phenyl]-4-difluoromethyl-4,5-dihydro-3-methyl-1,2,4-triazol-5(1H)-one (prepn. given in 3 steps) was refluxed for 6 days with Et

2-bromopropionate in K₂CO₃-contg. acetone to give Et 2-[4-[2-chloro-4-fluoro-5-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)phenoxy]phenoxy]propionate (II). II (8 kg/ha postemergence) gave total control of velvetleaf (*Abutilon theophrasti*) and almost total control of green foxtail (*Setaria viridis*).

L7 ANSWER 182 OF 182 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1988:406320 CAPLUS

DN 109:6320

TI Preparation of 2-[(pyridinioamino)alkyl]penemcarboxylates as antibacterial agents

IN Schneider, Peter

PA Ciba-Geigy A.-G., Switz.

SO Eur. Pat. Appl., 23 pp.

CODEN: EPXXDW

DT Patent

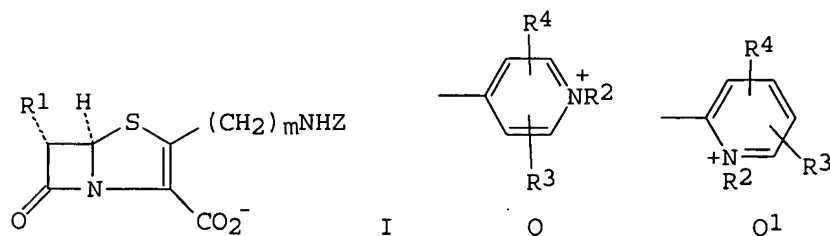
LA German

FAN.CNT 1

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	NO 8703500	A	19880222	CH 1986-3346	19860820
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	AU 8777217	A1	19880225	CH 1986-3346	19860820
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	JP 63051387	A2	19880304	CH 1986-3346	19860820
				JP 1987-204285	19870819
	ZA 8706135	A	19880427	CH 1986-3346	19860820
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				CH 1986-3346	19860820

OS MARPAT 109:6320

GI



AB The title compds. [I; R₁ = CH₂OH, MeCHOH; Z = 2- and 4-pyridinio group, Q or Q₁; R₂ = (un)substituted alkyl, alkenyl, Ph, pyridyl, etherified OH; R₃, R₄ = H, (un)substituted alkyl, NH₂, (un)derivatized CO₂H, etherified or esterified OH; m = 1-4] were prepd. (5R,6S)-2-Aminomethyl-6-[(1R)-1-hydroxyethyl]-2-penemcarboxylic acid and 4-chloro-2-hydroxymethyl-1-methylpyridinium iodide (prepn. given) were stirred 5 h in aq. soln.

maintained at pH 7.5-7.9 to give I [R1 = (1R)-MeCHOH, Z = Q, R2 = Me, R3 = 2-(CH₂OH), R4 = H] (II). Dry ampuls were prepd. each contg. 0.5 g II and 0.5 g mannitol. I are effective against, e.g., Staphylococcus aureus at <0.01 to .apprx.16 .mu.g/mL, Pseudomonas aeruginosa at 0.01 to .apprx.64 .mu.g/mL, and Bacteroides fragilis at 0.01 to .apprx.2 .mu.g/mL.

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

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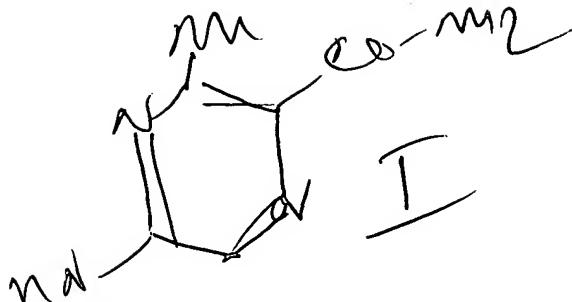
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NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
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NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS 25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS 26	Jul 21	Identification of STN records implemented
NEWS 27	Jul 21	Polymer class term count added to REGISTRY
NEWS 28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS 29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS 30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE

NEWS 36 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:06:59 ON 29 AUG 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:07:11 ON 29 AUG 2003

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STRUCTURE FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3
DICTIONARY FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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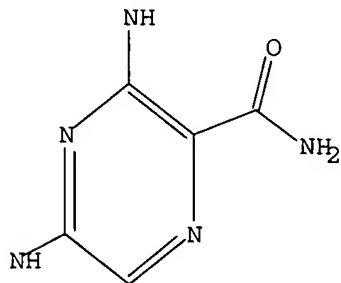
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 10:07:34 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1275 TO ITERATE

100.0% PROCESSED 1275 ITERATIONS

65 ANSWERS

SEARCH TIME: 00.00.01

L2 65 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

FILE 'CAPLUS' ENTERED AT 10:07:43 ON 29 AUG 2003

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FILE COVERS 1907 - 29 Aug 2003 VOL 139 ISS 10

FILE LAST UPDATED: 28 Aug 2003 (20030828/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12

L3 27 L2

=> d 13 fbib hitstr abs total

L3 ANSWER 1 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:693289 CAPLUS

DN 135:257270

TI Preparation of aryl substituted pyridines, pyrimidines, pyrazines and triazines with anticonvulsant and sodium channel blocking activity

IN Hogenkamp, Derk J.; Nguyen, Phong; Shao, Bin

PA Cocensys, Inc., USA

SO PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001068612	A2	20010920	WO 2001-US7797	20010312
	WO 2001068612	A3	20020314		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2002040025	A1	20020404	US 2000-188188PP	20000310
				US 2001-803659	20010312
				US 2000-188188PP	20000310
	EP 1265866	A2	20021218	EP 2001-918558	20010312
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				US 2000-188188PP	20000310
				WO 2001-US7797 W	20010312
	NO 2002004308	A	20021108	NO 2002-4308	20020909
				US 2000-188188PP	20000310
				WO 2001-US7797 W	20010312

OS MARPAT 135:257270

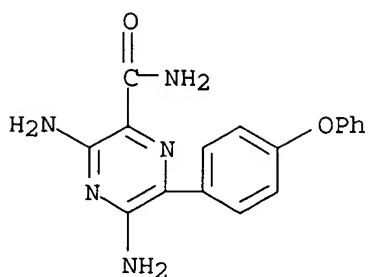
IT 361436-95-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of arylpyridines, arylpyrimidines, arylpyrazines, and aryltriazines with anticonvulsant and anesthetic activities)

RN 361436-95-5 CAPLUS

CN Pyrazinecarboxamide, 3,5-diamino-6-(4-phenoxyphenyl)- (9CI) (CA INDEX NAME)

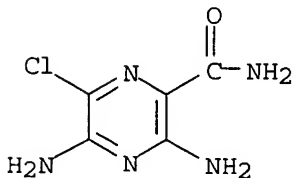
IT **14236-57-8**

RL: RCT (Reactant); RACT (Reactant or reagent)

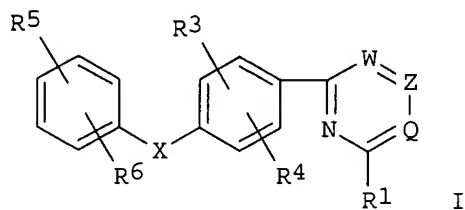
(prepn. of arylpyridines, arylpyrimidines, arylpyrazines, and aryltriazines with anticonvulsant and anesthetic activities)

RN 14236-57-8 CAPLUS

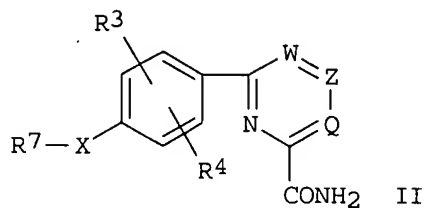
CN Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)



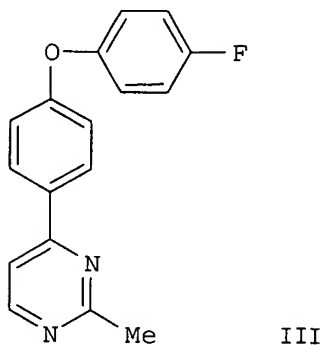
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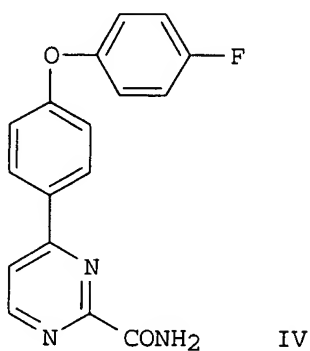
I



II



III

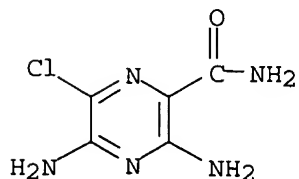


IV

AB The title aryl substituted heterocyclic compds. I and II [Q, Z, W = CR₂, N; R₁ = alkyl, H₂N, alkylthio, R₈CO, R₈SO₂, H₂NCO₂, 2-imidazoliny],

3-pyrazolyl, etc; R2 = H, (un)substituted alkyl, alkenyl alkynyl, halo, HO, cycloalkyl, cyano, H2N, alkoxy, alkylaminocarbonyl; R1R2 together form heterocycle; R3, R4, R5, R6 = H, alkyl, alkenyl, halo, HO, NO2, H2N, cyano, H2NCO, ureido, azido, alkoxy, CO2H, etc; R7 = (un)substituted alkyl; R8 = alkyl, alkenyl, R9O, H2N, substituted H2N, cycloalkyl; R9 = H, alkyl, alkali metal; X = O, S, NH, CH2] and their pharmaceutically acceptable salts, prodrugs, or solvates were prepd. and were useful for the treatment of neuronal damage following ischemia, the treatment of amyotrophic lateral sclerosis, the treatment of acute or chronic pain, as antitinnitis agents, as anticonvulsants, as antimanic depressants, as local anesthetics, as antiarrhythmics, and for the treatment of diabetic neuropathy. Thus, K2CO3 induced substitution reaction of 4-FC6H4OH with 4-FC6H4COMe gave 80% 1-[4-(4-fluorophenoxy)phenyl]ethanone which underwent successive condensation with DMF di-Me acetal and cyclocondensation with acetamidine HCl to give the [(fluorophenoxy)phenyl]pyrimidine III. Selenium dioxide oxidn. of III and subsequent amidation with carbonyl diimidazole/NH4OAc in DMF gave the pyrimidinecarboxamide IV which blocked electroshock-induced seizures in mice with ED50 of 0.7 mg/kg i.v. IV also possessed sodium channel blocking activity with an apparent antagonist disson. const. for inactivated sodium channels of 0.49.mu.M.

L3 ANSWER 2 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:522969 CAPLUS
 DN 135:299652
 TI Amiloride - detection and excretion study under conditions of steroid screening procedure
 AU Karova, D.; Anguelova, M.; Halatcheva, N.
 CS Bulgarian Doping Control Laboratory, Sofia, 1172, Bulg.
 SO Recent Advances in Doping Analysis (8), Proceedings of the Manfred Donike Workshop, Cologne Workshop on Dope Analysis, 18th, Cologne, Germany, Feb. 20-25, 2000 (2000), 197-202. Editor(s): Schaenzer, W. Publisher: Verlag Sport und Buch Strauss, Cologne, Germany.
 CODEN: 69BNUX
 DT Conference
 LA English
 IT 14236-57-8
 RL: ANT (Analyte); BSU (Biological study, unclassified); MFM (Metabolic formation); PRP (Properties); ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative)
 (amiloride - detection and excretion study under conditions of steroid screening procedure)
 RN 14236-57-8 CAPLUS
 CN Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)

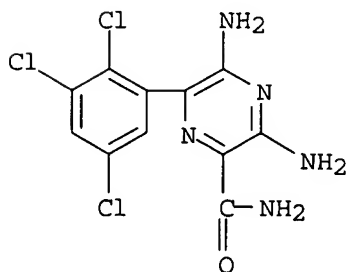


AB An extn. and anal. methods under the conditions of steroid screening procedure are described. A metabolite of amiloride was detected. The limit of detection of amiloride artifact by the screening procedure of steroids was 8 ng/mL. The results show a possibility of including amiloride in the routine screening procedure of anabolic steroids.

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:472472 CAPLUS
DN 135:81972
TI Formulations of adenosine A1 agonists
IN Bountra, Charanjit; Clayton, Nicholas Maughan; Naylor, Alan
PA Glaxo Group Limited, UK
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001045684	A2	20010628	WO 2000-GB4888	20001219
WO 2001045684	A3	20020314		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1239880	A2	20020918	GB 1999-30079 A	19991220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003518042	T2	20030603	WO 2000-GB4888 W	20001219
US 2003008842	A1	20030109	JP 2001-546423	20001219
			GB 1999-30079 A	19991220
			WO 2000-GB4888 W	20001219
			US 2002-168196	20020618
			GB 1999-30079 A	19991220
			WO 2000-GB4888 W	20001219
IT 259828-60-9				
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (formulations of adenosine A1 agonists)				
RN	259828-60-9 CAPLUS			
CN	Pyrazinecarboxamide, 3,5-diamino-6-(2,3,5-trichlorophenyl)- (9CI) (CA INDEX NAME)			



AB A method of treating conditions assocd. with pain and alleviating the symptoms assocd. with it comprises administering to a mammal an adenosine A1 agonist or a salt or solvate and a sodium channel blocker. The present invention also provides pharmaceutical formulations and patient packs comprising the combinations. Thus, (2S,3S,4R,5R)-2-(5-tert-butyl-[1,3,4]oxadiazol-2-yl)-5-[6-(4-chloro-2-fluorophenylamino)purin-9-yl]tetrahydrofuran-3,4-diol was prepd. in a series of steps by the reaction of (3aS,4S,6R,6aR)-6-(6-chloropurin-9-yl)-2,2-dimethyltetrahydrofuro[3,4-d][1,3]dioxole-4-carboxylic acid with 2,2-dimethylpropionic acid hydrazide followed by the cyclization of the resulting compd., and subsequent treatment with 4-chloro-2-fluoroaniline and deprotection.

L3 ANSWER 4 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:900621 CAPLUS

DN 134:56683

TI Preparation of nitrogen-containing heterocyclic derivatives as remedies for complications of diabetes based on protein kinase C inhibition

IN Suzuki, Takayuki; Onda, Kenichi; Murakami, Takeshi; Negoro, Kenji; Yahiro, Kiyoshi; Maruyama, Tatsuya; Shimaya, Akiyoshi; Ohta, Mitsuaki

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000076980	A1	20001221	WO 2000-JP3768	20000609
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG JP 1999-163344 A 19990610 JP 1999-165217 A 19990611				

OS MARPAT 134:56683

IT 313338-65-7P 313338-66-8P 313338-67-9P
 313338-68-0P 313338-69-1P 313338-70-4P
 313338-71-5P 313338-72-6P 313338-73-7P
 313338-74-8P 313338-75-9P 313338-76-0P
 313338-77-1P 313338-79-3P 313338-80-6P
 313338-81-7P 313338-82-8P 313338-83-9P
 313338-84-0P 313338-85-1P 313338-86-2P
 313338-87-3P 313338-88-4P 313338-89-5P
 313338-91-9P 313338-92-0P 313338-93-1P
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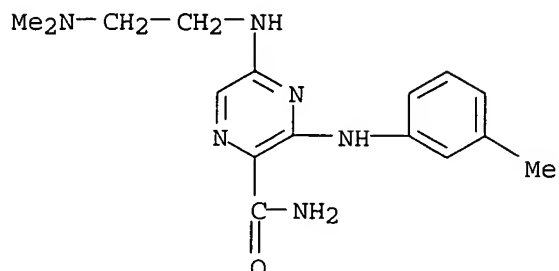
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of nitrogen-contg. heterocyclic derivs. as remedies for

complications of diabetes)

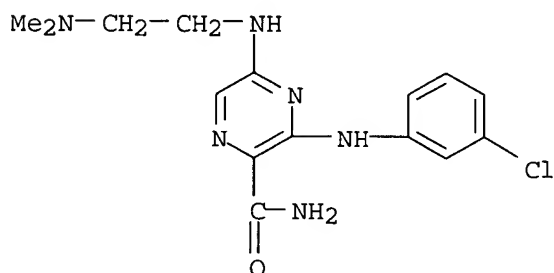
RN 313338-65-7 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



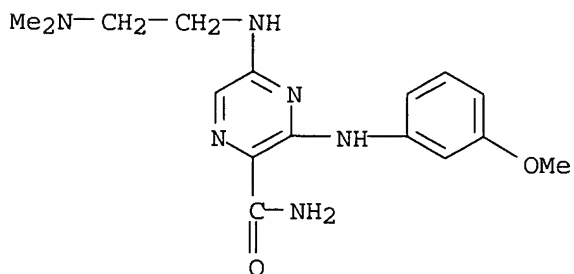
RN 313338-66-8 CAPLUS

CN Pyrazinecarboxamide, 3-[(3-chlorophenyl)amino]-5-[[2-(dimethylamino)ethyl]amino]- (9CI) (CA INDEX NAME)



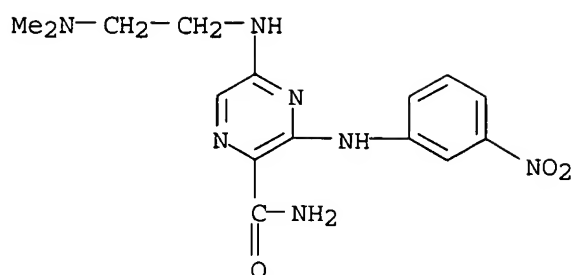
RN 313338-67-9 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(3-methoxyphenyl)amino]- (9CI) (CA INDEX NAME)



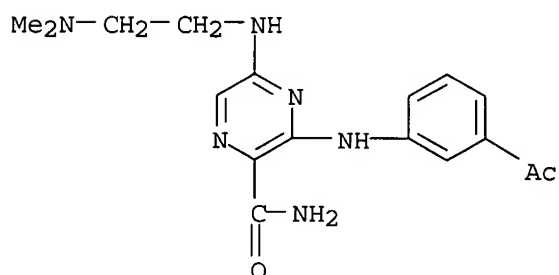
RN 313338-68-0 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(3-nitrophenyl)amino]- (9CI) (CA INDEX NAME)



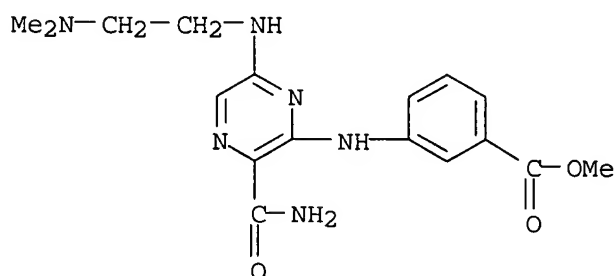
RN 313338-69-1 CAPLUS

CN Pyrazinecarboxamide, 3-[(3-acetylphenyl)amino]-5-[[2-(dimethylamino)ethyl]amino]- (9CI) (CA INDEX NAME)



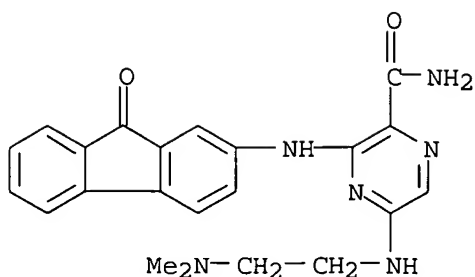
RN 313338-70-4 CAPLUS

CN Benzoic acid, 3-[[3-(aminocarbonyl)-6-[[2-(dimethylamino)ethyl]amino]pyrazinyl]amino]-, methyl ester (9CI) (CA INDEX NAME)



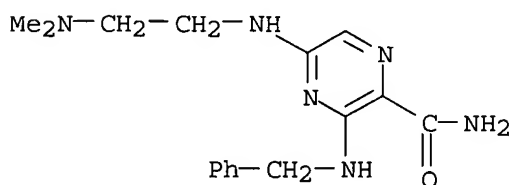
RN 313338-71-5 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(9-oxo-9H-fluoren-2-yl)amino]- (9CI) (CA INDEX NAME)



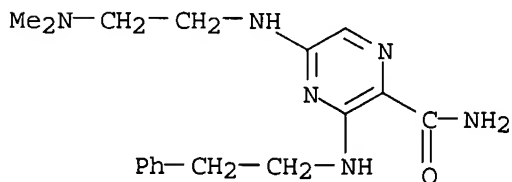
RN 313338-72-6 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(phenylmethyl)amino]- (9CI) (CA INDEX NAME)



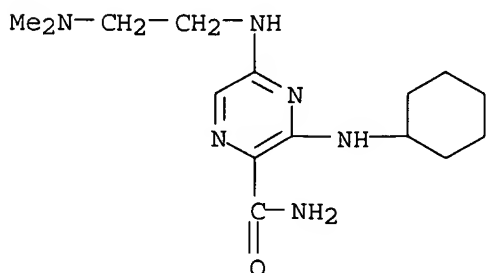
RN 313338-73-7 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(2-phenylethyl)amino]- (9CI) (CA INDEX NAME)



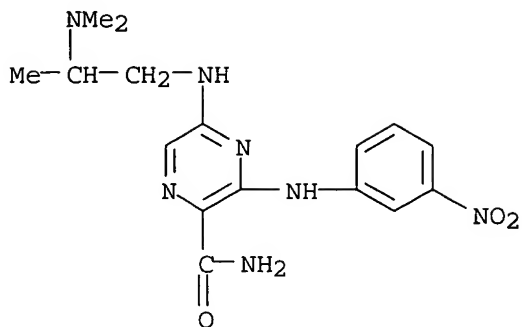
RN 313338-74-8 CAPLUS

CN Pyrazinecarboxamide, 3-(cyclohexylamino)-5-[[2-(dimethylamino)ethyl]amino]- (9CI) (CA INDEX NAME)



RN 313338-75-9 CAPLUS

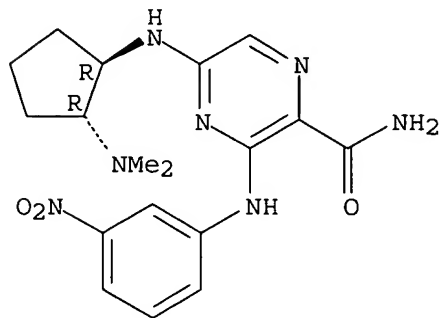
CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)propyl]amino]-3-[(3-nitrophenyl)amino]- (9CI) (CA INDEX NAME)



RN 313338-76-0 CAPLUS

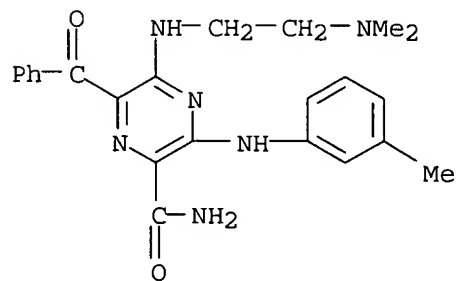
CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(3-nitrophenyl)amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



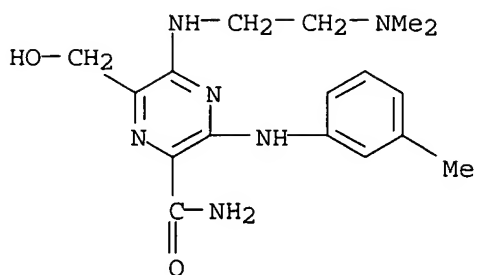
RN 313338-77-1 CAPLUS

CN Pyrazinecarboxamide, 6-benzoyl-5-[[2-(dimethylamino)ethyl]amino]-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



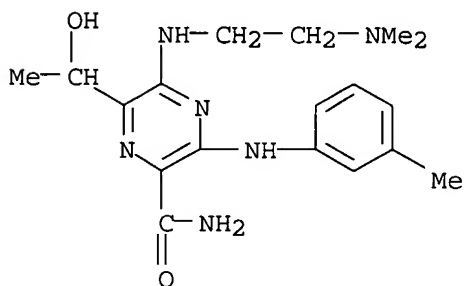
RN 313338-79-3 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-(hydroxymethyl)-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



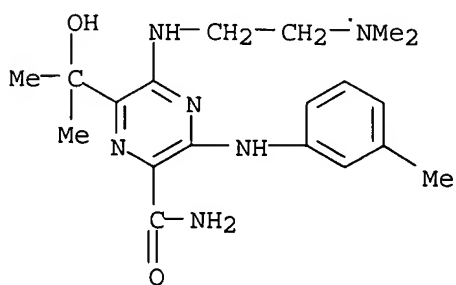
RN 313338-80-6 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-(1-hydroxyethyl)-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



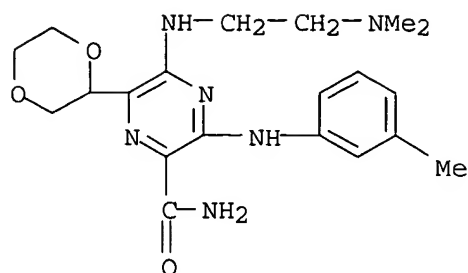
RN 313338-81-7 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-(1-hydroxy-1-methylethyl)-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



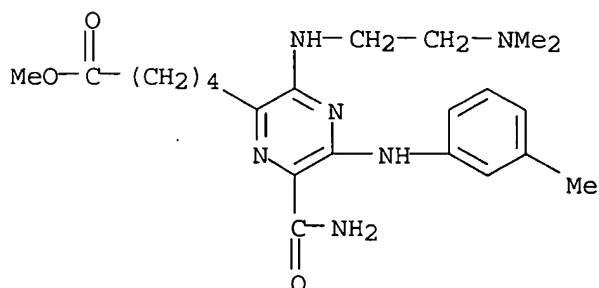
RN 313338-82-8 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-(1,4-dioxan-2-yl)-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



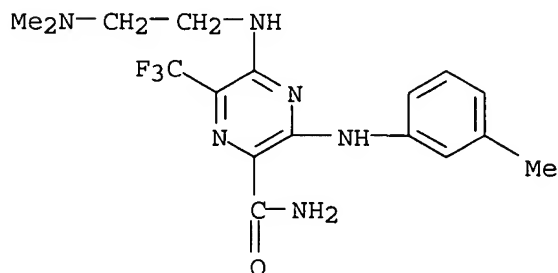
RN 313338-83-9 CAPLUS

CN Pyrazinepentanoic acid, 6-(aminocarbonyl)-3-[[2-(dimethylamino)ethyl]amino]-5-[(3-methylphenyl)amino]-, methyl ester (9CI)
(CA INDEX NAME)



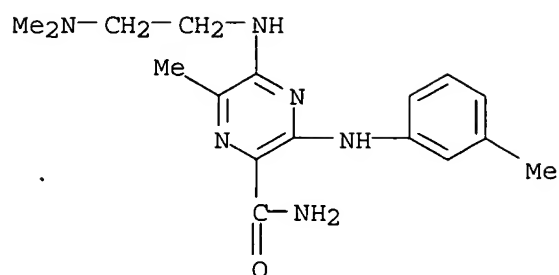
RN 313338-84-0 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(3-methylphenyl)amino]-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



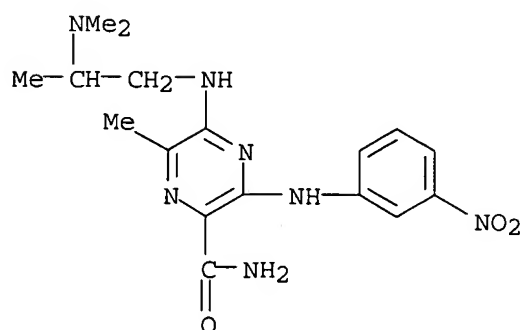
RN 313338-85-1 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-methyl-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



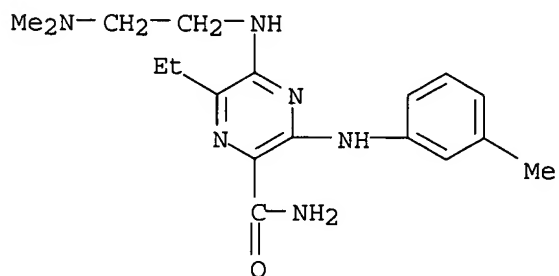
RN 313338-86-2 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)propyl]amino]-6-methyl-3-[(3-nitrophenyl)amino]- (9CI) (CA INDEX NAME)



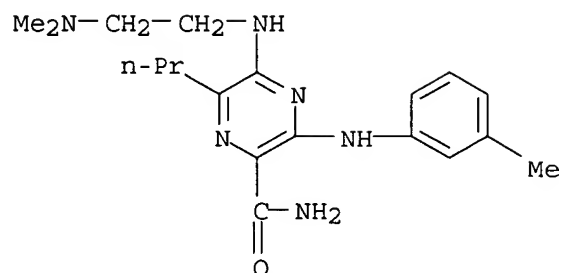
RN 313338-87-3 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-ethyl-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



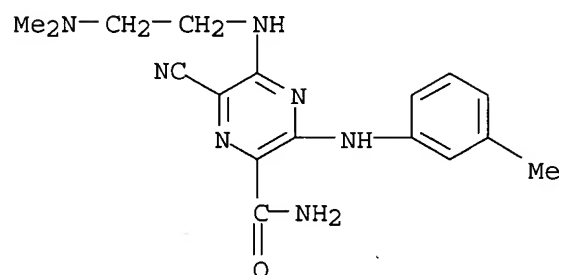
RN 313338-88-4 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(3-methylphenyl)amino]-6-propyl- (9CI) (CA INDEX NAME)



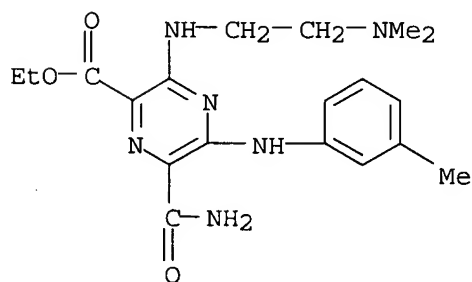
RN 313338-89-5 CAPLUS

CN Pyrazinecarboxamide, 6-cyano-5-[[2-(dimethylamino)ethyl]amino]-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



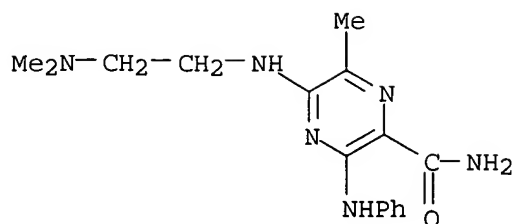
RN 313338-91-9 CAPLUS

CN Pyrazinecarboxylic acid, 6-(aminocarbonyl)-3-[[2-(dimethylamino)ethyl]amino]-5-[(3-methylphenyl)amino]-, ethyl ester (9CI) (CA INDEX NAME)



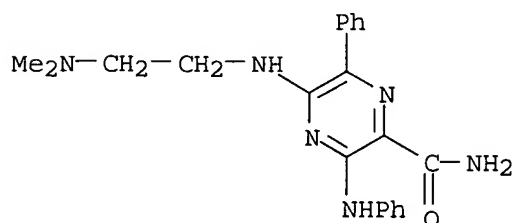
RN 313338-92-0 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-methyl-3-(phenylamino)- (9CI) (CA INDEX NAME)



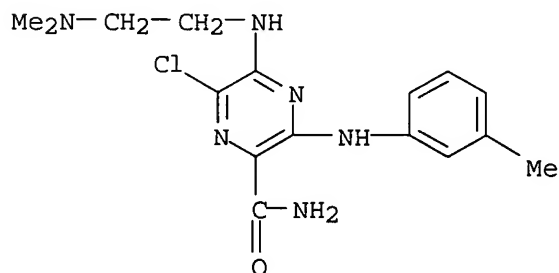
RN 313338-93-1 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-phenyl-3-(phenylamino)- (9CI) (CA INDEX NAME)



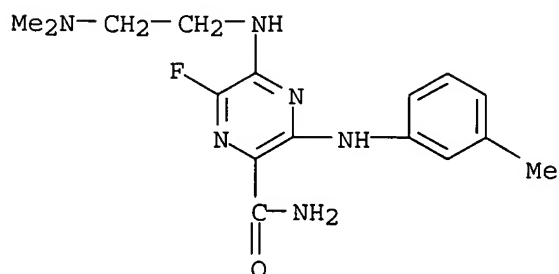
RN 313338-94-2 CAPLUS

CN Pyrazinecarboxamide, 6-chloro-5-[[2-(dimethylamino)ethyl]amino]-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



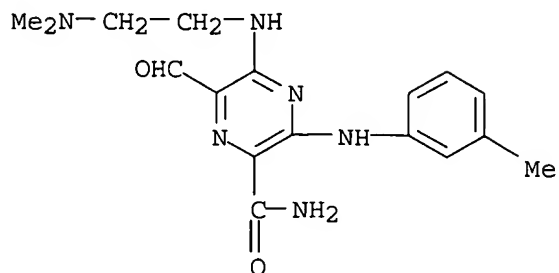
RN 313338-95-3 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-fluoro-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



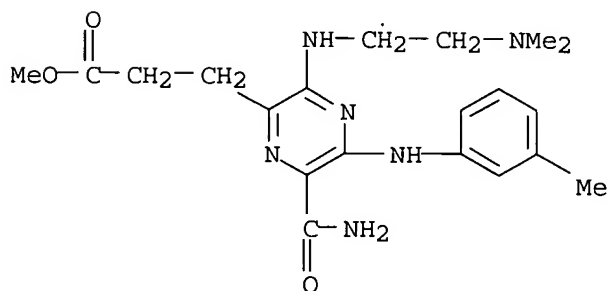
RN 313338-96-4 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-formyl-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



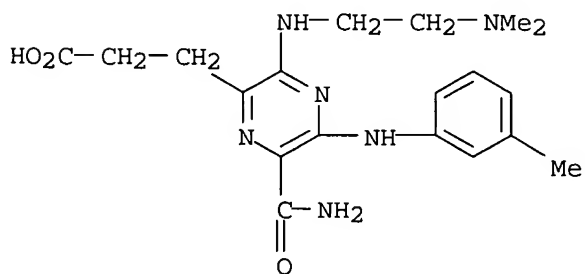
RN 313338-98-6 CAPLUS

CN Pyrazinepropanoic acid, 6-(aminocarbonyl)-3-[[2-(dimethylamino)ethyl]amino]-5-[(3-methylphenyl)amino]-, methyl ester (9CI) (CA INDEX NAME)



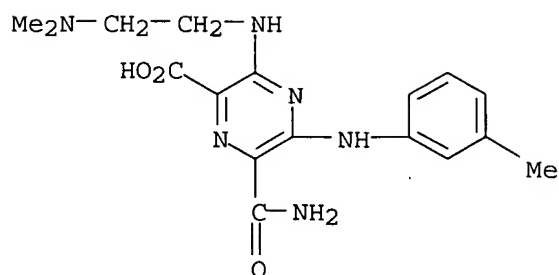
RN 313338-99-7 CAPLUS

CN Pyrazinepropanoic acid, 6-(aminocarbonyl)-3-[[2-(dimethylamino)ethyl]amino]-5-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



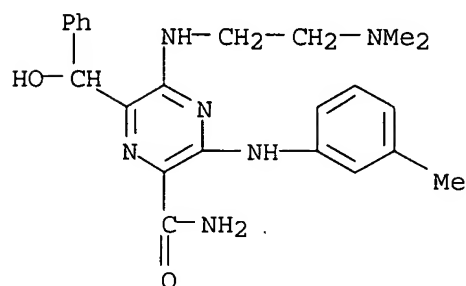
RN 313339-00-3 CAPLUS

CN Pyrazinecarboxylic acid, 6-(aminocarbonyl)-3-[[2-(dimethylamino)ethyl]amino]-5-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



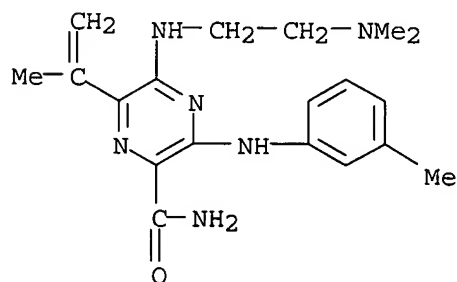
RN 313339-01-4 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-(hydroxyphenylmethyl)-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



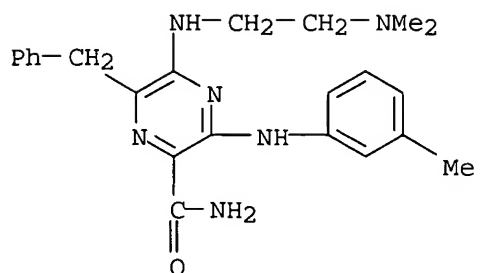
RN 313339-02-5 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-6-(1-methylethenyl)-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



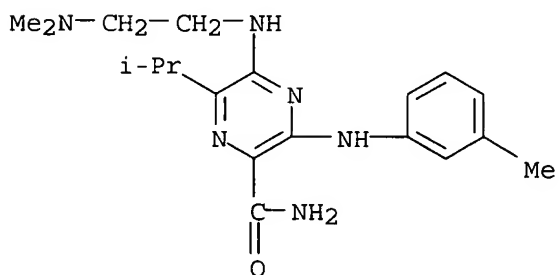
RN 313339-03-6 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(3-methylphenyl)amino]-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 313339-04-7 CAPLUS

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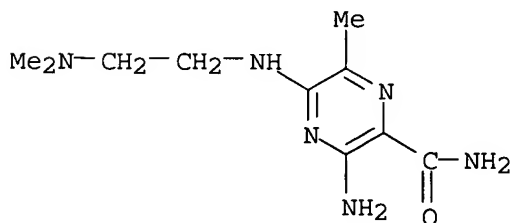
IT 313340-35-1P 313340-36-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of nitrogen-contg. heterocyclic derivs. as remedies for complications of diabetes)

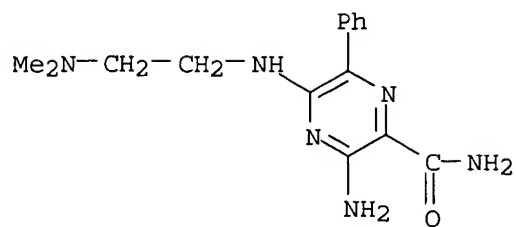
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CN Pyrazinecarboxamide, 3-amino-5-[[2-(dimethylamino)ethyl]amino]-6-methyl- (9CI) (CA INDEX NAME)

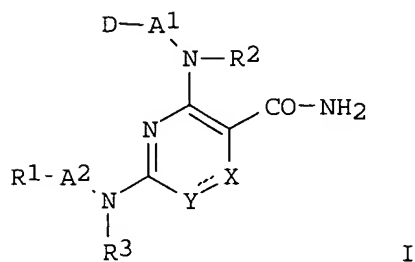


RN 313340-36-2 CAPLUS

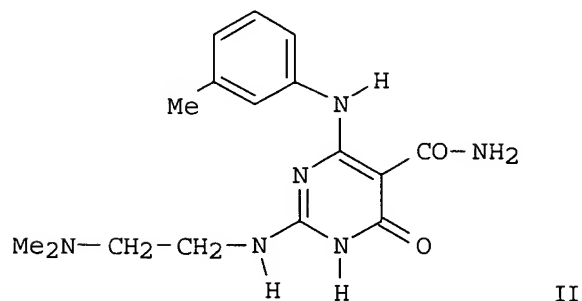
CN Pyrazinecarboxamide, 3-amino-5-[[2-(dimethylamino)ethyl]amino]-6-phenyl- (9CI) (CA INDEX NAME)



GI



I



II

AB The title compds. I [Y and X together are N:N, C(R4):N, etc.; D = (un)substituted aryl, etc.; R1 = (un)substituted heteroaryl, etc.; A1, A2 = (un)substituted alkylene, etc.; R2, R3, R4 = H, OH, etc.; or R1A2NR3 = (un)substituted heteroaryl] are prepd. The title compd. II in vitro showed IC50 of 0.0049 .mu.mol against protein kinase C.

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:881124 CAPLUS

DN 134:42141

TI Preparation of novel heterocyclic carboxamide derivatives as spleen tyrosine kinase inhibitors

IN Hisamichi, Hiroyuki; Kawazoe, Souichirou; Tanabe, Kazuhito; Ichikawa, Atsushi; Orita, Akiko; Suzuki, Takayuki; Onda, Kenichi; Takeuchi, Makoto

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 36 pp.

CODEN: PIXXD2

DT Patent

LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000075113	A1	20001214	WO 2000-JP3767	20000609
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG JP 1999-162692 A 19990609 JP 2000-171185 20000607 JP 1999-162692 A 19990609 EP 1184376 A1 20020306 EP 2000-935619 20000609 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO JP 1999-162692 A 19990609 WO 2000-JP3767 W 20000609				
	JP 2001055378	A2	20010227	JP 2000-171185	20000607
	EP 1184376	A1	20020306	EP 2000-935619	20000609
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OS MARPAT 134:42141

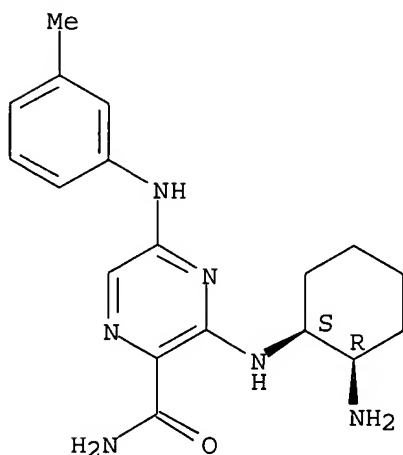
IT 312736-60-0P 312736-79-1P 312736-84-8P
 312736-85-9P 312736-86-0P 312736-87-1P
 312736-88-2P 312736-89-3P 312736-90-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of novel heterocyclic carboxamide derivs. as spleen tyrosine kinase inhibitors as preventives or remedies for diseases)

RN 312736-60-0 CAPLUS

CN Pyrazinecarboxamide, 3-[[[(1R,2S)-2-aminocyclohexyl]amino]-5-[(3-methylphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

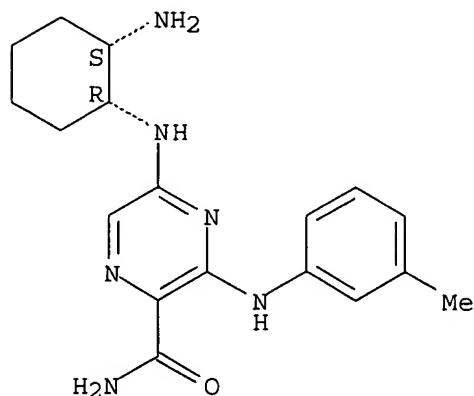
Relative stereochemistry.



RN 312736-79-1 CAPLUS

CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3-methylphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

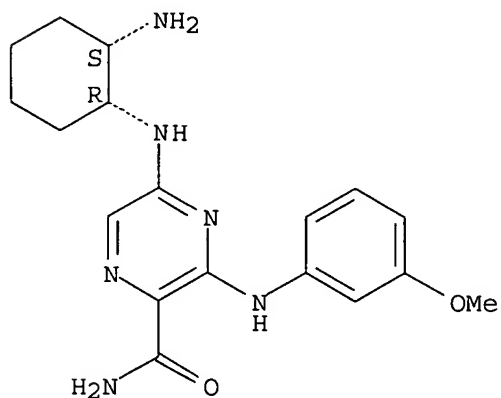
Relative stereochemistry.



RN 312736-84-8 CAPLUS

CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3-methoxyphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

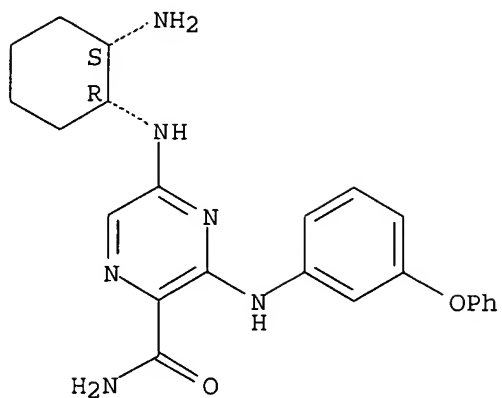
Relative stereochemistry.



RN 312736-85-9 CAPLUS

CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3-phenoxyphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

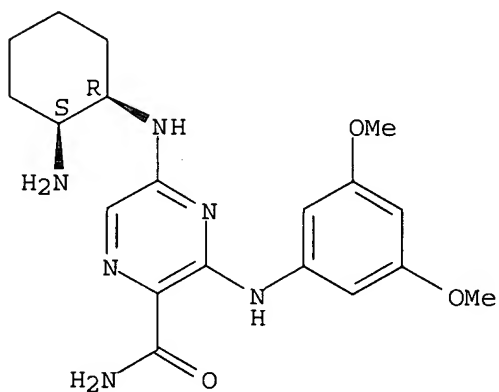
Relative stereochemistry.



RN 312736-86-0 CAPLUS

CN Pyrazinecarboxamide, 5-[[(1R,2S) -2-aminocyclohexyl]amino] -3- [(3,5-dimethoxyphenyl)amino] -, rel- (9CI) (CA INDEX NAME)

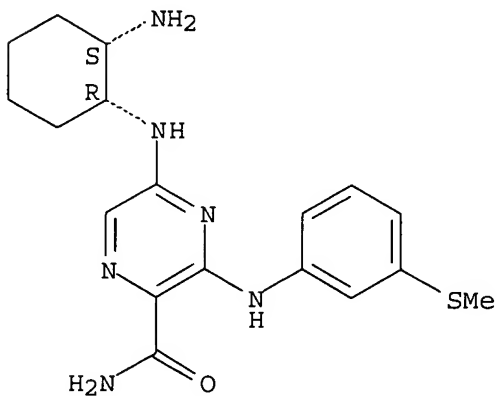
Relative stereochemistry.

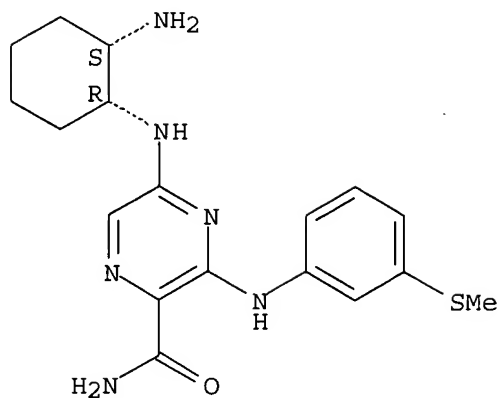


RN 312736-87-1 CAPLUS

CN Pyrazinecarboxamide, 5-[[(1R,2S) -2-aminocyclohexyl]amino] -3- [[3-(methylthio)phenyl]amino] -, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

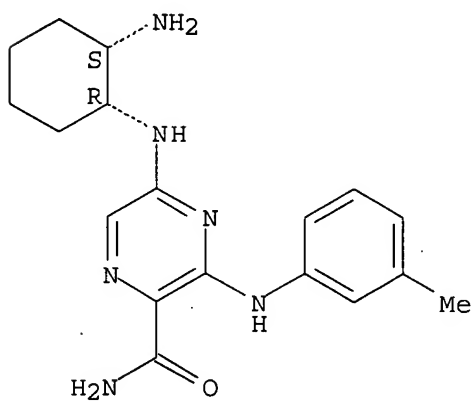




RN 312736-88-2 CAPLUS

CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)

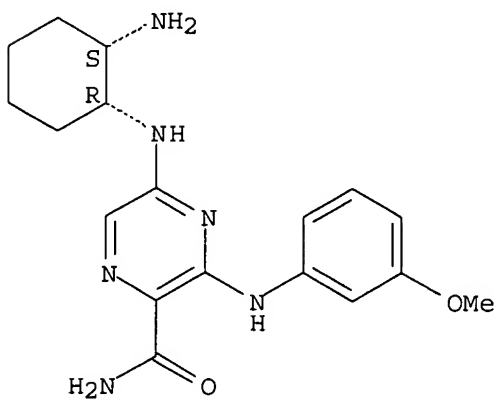
Absolute stereochemistry. Rotation (+).

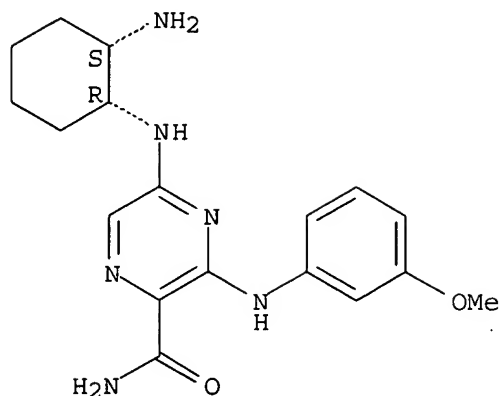


RN 312736-89-3 CAPLUS

CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3-methoxyphenyl)amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

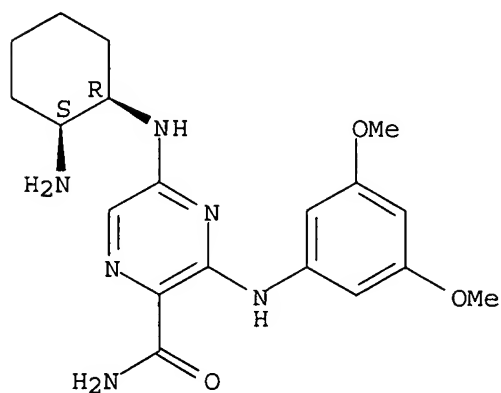




RN 312736-90-6 CAPLUS

CN Pyrazinecarboxamide, 5-[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3,5-dimethoxyphenyl)amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



IT 312736-74-6P 312736-75-7P 312736-76-8P

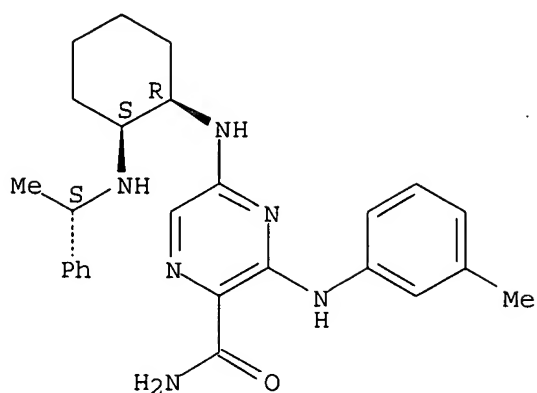
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of novel heterocyclic carboxamide derivs. as spleen tyrosine kinase inhibitors as preventives or remedies for diseases)

RN 312736-74-6 CAPLUS

CN Pyrazinecarboxamide, 3-[(3-methylphenyl)amino]-5-[[(1R,2S)-2-[[(1S)-1-phenylethyl]amino]cyclohexyl]amino]- (9CI) (CA INDEX NAME)

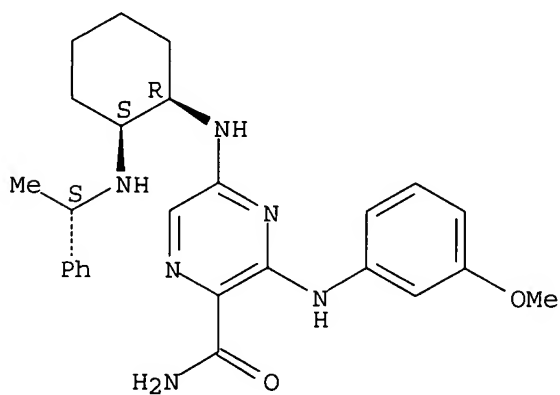
Absolute stereochemistry.



RN 312736-75-7 CAPLUS

CN Pyrazinecarboxamide, 3-[(3-methoxyphenyl)amino]-5-[[[(1R,2S)-2-[[[(1S)-1-phenylethyl]amino]cyclohexyl]amino]- (9CI) (CA INDEX NAME)

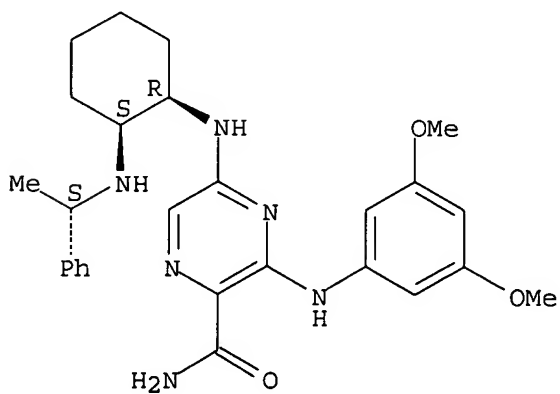
Absolute stereochemistry.

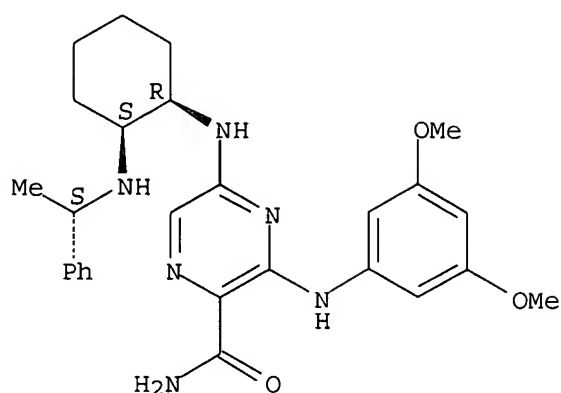


RN 312736-76-8 CAPLUS

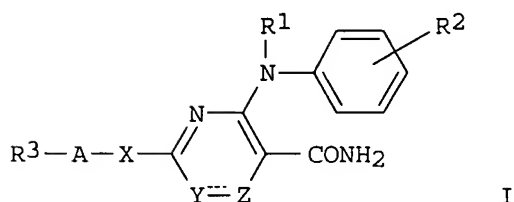
CN Pyrazinecarboxamide, 3-[(3,5-dimethoxyphenyl)amino]-5-[[[(1R,2S)-2-[[[(1S)-1-phenylethyl]amino]cyclohexyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.





GI



I

AB Nitrogenous six-membered heterocycle compds. bearing as the substituents -X-A-R3, -N-(R1)-(R2-substituted Ph) and -CONH2 [I; wherein A = (substituted) lower alkylene, (substituted) (hetero)arylene, cycloalkylene; X = NR4, CONR4, NR4CO, O, S; the dotted line between Y and Z represents the presence of a bond (Y:Z) or the absence of a bond (Y-Z); Y-Z = NR5-CO, CO-NR5, NR5-NR5, CO-CO; Y:Z = N:CR1, CR7:N, N:N, CR7:CR7; R4 = each H, lower alkyl, -CO-lower alkyl, or -SO2-lower alkyl; R2 = H, (halo-substituted) lower alkyl, -O-lower alkyl, -S-lower alkyl, -O-aryl, nitro, cyano, or the like; R3 = -CO2H, -CO2-lower alkyl, -lower alkylene-CO2H, -NH2, -alkylene-NH2, or the like; R5 = H, lower alkyl; R6 = lower alkyl, OH, -O-lower alkyl, -O-(substituted) aryl, -O-lower alkylene-(substituted) aryl, -NR1-(substituted) aryl, -CO-lower alkyl-(substituted) aryl; R7 = H, R6] salts or prodrugs thereof are prepd. Also claimed are spleen tyrosine kinase (Syk) inhibitors contg. the compds. I or the salts or the prodrugs thereof as the active ingredient. The compds. I are useful for the prevention or treatment of allergies, inflammations, autoimmune diseases, cancers, transplant rejection, graft-vs.-host diseases, and thrombosis. Thus, 2.76 mL cis-1,2-cyclohexanediamine was added to a mixt. of 605 mg 6-chloro-2-(3-methylanilino)pyridine-3-carboxamide and 10 mL MeCN and refluxed for 5 days to give 230 mg 6-(cis-2-aminohexylamino)-2-(3-methylanilino)pyrazine-3-carboxamide (II). II showed IC50 of .1toreq.0.05 .mu.M against Syk, good inhibition against passive cutaneous anaphylaxis (PCA) in mice sensitized by anti-dinitrophenyl-IgE (DNP-IgE), and IC50 of .1toreq.0.1 .mu.M against serotonin release according to the assay described by Collado-Escobar (J. Immunol. 144, 1990).

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:161266 CAPLUS
 DN 132:194395
 TI Preparation of pyrazines as anticonvulsants
 IN Cox, Brian; Healy, Mark Patrick; Wild, Deborah
 PA Glaxo Group Limited, UK
 SO PCT Int. Appl., 40 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000012488	A1	20000309	WO 1999-EP6248	19990826
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG GB 1998-18881 A 19980828 CA 2341543 AA 20000309 CA 1999-2341543 19990826 GB 1998-18881 A 19980828 WO 1999-EP6248 W 19990826 AU 9956249 A1 20000321 AU 1999-56249 19990826 GB 1998-18881 A 19980828 WO 1999-EP6248 W 19990826 BR 9913183 A 20010515 BR 1999-13183 19990826 GB 1998-18881 A 19980828 WO 1999-EP6248 W 19990826 EP 1107960 A1 20010620 EP 1999-942919 19990826 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO GB 1998-18881 A 19980828 WO 1999-EP6248 W 19990826 JP 2002523499 T2 20020730 JP 2000-567518 19990826 GB 1998-18881 A 19980828 WO 1999-EP6248 W 19990826 TW 429255 B 20010411 TW 1999-88114723 19990827 GB 1998-18881 A 19980828 US 6503909 B1 20030107 US 2001-762295 20010208 GB 1998-18881 A 19980828 WO 1999-EP6248 W 19990826 US 2003022904 A1 20030130 US 2002-216399 20020812 GB 1998-18881 A 19980828 WO 1999-EP6248 W 19990826 US 2001-762295 A120010208				

OS MARPAT 132:194395

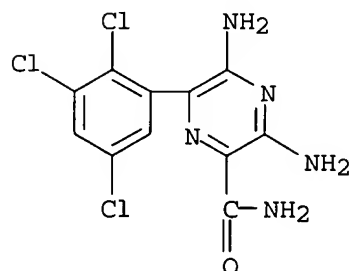
IT 259828-60-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

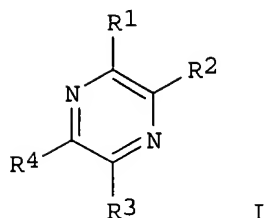
(prepn. of pyrazines as anticonvulsants)

RN 259828-60-9 CAPLUS

CN Pyrazinecarboxamide, 3,5-diamino-6-(2,3,5-trichlorophenyl)- (9CI) (CA INDEX NAME)



GI



AB The title compds. [I; R1 = Ph substituted by one or more halogen atoms; R2 = NH2; R3 = NH2, H; R4 = CXNRaRb, CXNH(CH2)yNRaRb (wherein X = O, S; y = 0-2; Ra, Rb = H, alkyl; NRaRb = (un)substituted satd. 5-6 membered heterocycle contg. one or two N atoms)], useful in the treatment of CNS diseases such as epilepsy, were prepd. and formulated. E.g., a multi-step synthesis of pyrazine I [R1 = 2,3,5-Cl3C6H2; R2 = R3 = NH2; R4 = CONH2] was given. Compds. I showed ED50 of 1.4 mg/kg compared to 6.1 mg/kg for lamotrigine with a therapeutic index (ratio of the ataxia ED50 and MES ED50) of 21.6 compared to 3.3 for lamotrigine.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:124060 CAPLUS

DN 132:177733

TI Methods and compositions for enhancing sensitivity in the analysis of biological-based assays using cleavable tags

IN Van Ness, Jeffrey ; Tabone, John C.; Howbert, J. Jeffry; Mulligan, John T.

PA Rapigene, Inc., USA

SO U.S., 79 pp., Cont.-in-part of U.S. Ser. No. 787,521, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 5

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 6027890	A	20000222	US 1997-898501	19970722
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				US 1997-898180	A 19970722
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				US 1997-898564	A 19970722
AU	9885765	A1	19990216	AU 1998-85765	19980722
AU	738237	B2	20010913		
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				US 1997-898501	A 19970722
				US 1997-898564	A 19970722
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				US 1997-898501	A 19970722
				US 1997-898564	A 19970722
				WO 1998-US15008W	19980722
NZ	501919	A	20011130	NZ 1998-501919	19980722
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				US 1997-898501	A 19970722
				US 1997-898564	A 19970722
				WO 1998-US15008W	19980722
AT	240408	E	20030515	AT 1998-936928	19980722
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				US 1997-898501	A 19970722
				US 1997-898564	A 19970722
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US	2003077595	A1	20030424	US 2001-467	20011024
				US 1996-10436P	P 19960123
				US 1996-15402P	P 19960321
				US 1997-787521	B219970122
				US 1997-898501	A119970722
				US 1999-457048	B119991207

PATENT FAMILY INFORMATION:

FAN 1997:517585

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9727327	A2	19970731	WO 1997-US1070	19970123
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				US 1996-15402P P	19960321
CA	2243989	AA	19970731	CA 1997-2243989	19970123
				US 1996-10436P P	19960123
				US 1996-15402P P	19960321
AU	9717079	A1	19970820	AU 1997-17079	19970123
AU	717330	B2	20000323		
				US 1996-10436P P	19960123
				US 1996-15402P P	19960321
				WO 1997-US1070 W	19970123
EP	850320	A2	19980701	EP 1997-903074	19970123
EP	850320	B1	19991208		
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				US 1996-15402P P	19960321
				WO 1997-US1070 W	19970123
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				US 1996-15402P P	19960321
				EP 1997-903074 A3	19970123
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				US 1996-10436P P	19960123
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ES	2143848	T3	20000516	ES 1997-903074	19970123
				US 1996-10436P P	19960123
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JP	2000507091	T2	20000613	JP 1997-526988	19970123
				US 1996-10436P P	19960123
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FAN 1997:517589

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9727331	A2	19970731	WO 1997-US1304	19970123
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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
			US 1996-10462P P	19960123
			US 1996-589260 A	19960123
CA 2243560	AA	19970731	CA 1997-2243560	19970123
			US 1996-10462P P	19960123
			US 1996-589260 A	19960123
AU 9722473	A1	19970820	AU 1997-22473	19970123
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			US 1996-10462P P	19960123
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BR 9707056	A	19991228	BR 1997-7056	19970123
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			US 1996-10462P P	19960123
			US 1996-589260 A	19960123
			WO 1997-US1304 W	19970123
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			US 1996-10462P P	19960123
			US 1996-589260 A	19960123
			WO 1997-US1304 W	19970123
MX 9805952	A	20000331	MX 1998-5952	19980723
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FAN	1999:96398				
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EP 992511 A1 20000412 EP 1999-113790 19970123
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OS MARPAT 132:177733

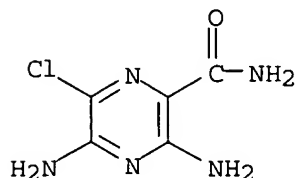
IT 14236-57-8

RL: ANT (Analyte); ANST (Analytical study)

(detection of, by MALDI mass spectroscopy; methods and compns. for
enhancing sensitivity in the anal. of biol.-based assays using
cleavable tags)

RN 14236-57-8 CAPLUS

CN Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)



AB Methods are provided for detecting the binding of a first member to a second member of a ligand pair, comprising the steps of (a) combining a set of first tagged members with a biol. sample which may contain one or more second members, under conditions, and for a time sufficient to permit binding of a first member to a second member, wherein said tag is correlative with a particular first member and detectable by non-fluorescent spectrometry, or potentiometry, (b) sepg. bound first and second members from unbound members, (c) cleaving the tag from the tagged first member, and (d) detecting the tag by non-fluorescent spectrometry, or potentiometry, and therefrom detecting the binding of the first member to the second member. Texas Red-, Lissamine-, or fluorescein-tagged oligonucleotide probes were prepd. and used to assay gene expression.

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:152925 CAPLUS

DN 128:306453

TI Cu²⁺ reveals different binding sites of amiloride and CDPC on the apical Na channel of frog skin

AU Flonta, M. L.; De Beir-Simaels, J.; Mesotten, D.; Van Driessche, W.

CS Laboratorium voor Fysiologie, K.U. Leuven, Campus Gasthuisberg, Louvain, B-3000, Belg.

SO Biochimica et Biophysica Acta (1998), 1370(1), 169-174

CODEN: BBACAQ; ISSN: 0006-3002

PB Elsevier Science B.V.

DT Journal

LA English

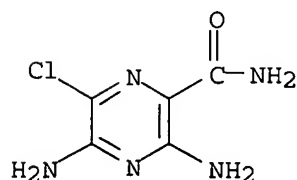
IT 14236-57-8, 6-Chloro-3,5-diaminopyrazine-2-carboxamide

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(CDPC; Cu²⁺ reveals different binding sites of amiloride and CDPC on apical sodium channel of frog skin)

RN 14236-57-8 CAPLUS

CN Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)



AB The effect of Cu²⁺ ions, present in the mucosal bathing soln., on the transepithelial short-circuit current (Isc) and conductance (Gt) and on the blocker-induced noise of apical Na channels, was studied on the isolated ventral skin of the frog *Rana temporaria*. Cu²⁺ effects were concn.-dependent, the full effect being reached at 50 .mu.mol/l. Cu²⁺ increased Isc and Gt; this effect was eliminated by high concns. of amiloride (30 .mu.mol/l) and of CDPC (150 .mu.mol/l). Cu²⁺ markedly reduced the corner frequency (fc) of the Na channel noise, while having virtually no effect on the fc of CDPC-induced noise. Cu²⁺ reduces the assocn. rate const. of amiloride to the Na channel to one third; this effect is interpreted as indicating competition between Cu²⁺ and amiloride for the same (neg. charged) binding site on the channel, while CDPC appears to bind on a different site.

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:517585 CAPLUS

DN 127:173496

TI Methods and compositions for detecting binding of ligand pair using non-fluorescent label

IN Van Ness, Jeffrey; Tabone, John C.; Howbert, J. Jeffry; Mulligan, John T.
PA Darwin Molecular Corp., USA; Van Ness, Jeffrey; Tabone, John C.; Howbert, J. Jeffry; Mulligan, John T.

SO PCT Int. Appl., 146 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 5

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9727327	A2	19970731	WO 1997-US1070	19970123
WO 9727327	A3	19971120		
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PATENT FAMILY INFORMATION:

FAN 1997:517589

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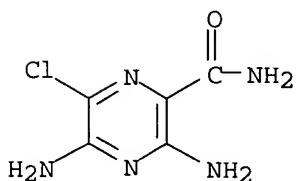
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IT **14236-57-8**

RL: ANT (Analyte); PRP (Properties); ANST (Analytical study)
(ligand pair binding detection using nonfluorescent labels)

RN 14236-57-8 CAPLUS

CN Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)



AB Methods are provided for detecting the binding of a first member to a second member of a ligand pair, comprising the steps of (1) combining a set of first tagged members with a biol. sample which may contain .gtoreq.1 s members, under conditions, and for a time sufficient to permit binding of a first member to a second member, wherein said tag is correlative with a particular first member and detectable by non-fluorescent spectrometry or potentiometry; (2) sepg. bound first and second members from unbound members; (3) cleaving the tag from the tagged first member; and (4) detecting the tag by non-fluorescent spectrometry or potentiometry, and therefrom detecting the binding of the first member to the second member. Novel compns. are provided that may be used in a wide variety of nucleic acid-based or protein (e.g., antibody)-based assays.

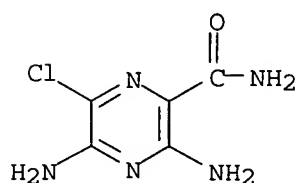
L3 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1991:405922 CAPLUS

DN 115:5922

TI Blocker-related changes of channel density. Analysis of a three-state model for apical sodium channels of frog skin

AU Helman, Sandy I.; Baxendale, Lynn M.
CS Dep. Physiol. Biophys., Univ. Illinois, Urbana, IL, 61801, USA
SO Journal of General Physiology (1990), 95(4), 647-78
CODEN: JGPLAD; ISSN: 0022-1295
DT Journal
LA English
IT **14236-57-8**, 6-Chloro-3,5-diaminopyrazine-2-carboxamide
RL: BIOL (Biological study)
(sodium channels of skin response to, model for)
RN 14236-57-8 CAPLUS
CN Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)



AB Blocker-induced noise anal. of apical membrane Na channels of epithelia of frog (*Rana pipiens*) skin was carried out with an electroneutral blocker (CDPC, 6-chloro-3,5-diamino-pyrazine-2-carboxamide) that permitted detn. of the changes of single-channel Na currents and channel densities with minimal inhibition of the macroscopic rates of Na transport. Expts. were designed to resolve changes of channel densities due to mass law action (and hence the kinetic scheme of blocker interaction with the Na channel) and to autoregulation of Na channel densities that occur as a consequence of inhibition of Na transport. Mass law action changes of channel densities conformed to a kinetic scheme of closed, open, and blocked states where blocker interacts predominantly if not solely with open channels. Such behavior was best obsd. in pulse protocol expts. that minimized the time of exposure to blocker and thus minimized the contribution of much longer time const. autoregulatory influences on channel densities. Anal. of data derived from pulse, staircase, and other exptl. protocols using both CDPC and amiloride as noise-inducing blockers and interpreted within the context of a 3-state model revealed that Na channel open probability in the absence of blocker averaged near 0.5 with a wide range among tissues between 0.1 and 0.9.

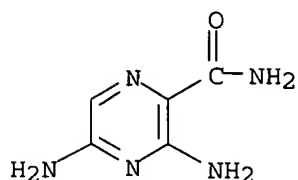
L3 ANSWER 11 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1991:228957 CAPLUS
DN 114:228957
TI Preparation and formulation of 4(3H)-pteridinones as allergy inhibitors
IN Ferrand, Gerard; Dumas, Herve; Depin, Jean Claude; Quentin, Yvette
PA LIPHA, Lyonnaise Industrielle Pharmaceutique, Fr.
SO Fr. Demande, 35 pp.
CODEN: FRXXBL

DT Patent
LA French

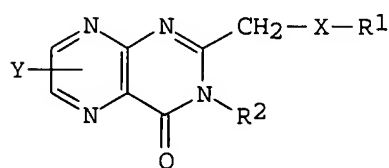
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	FR 2645152	B1	19910531		
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	AU 630178	B2	19921022		

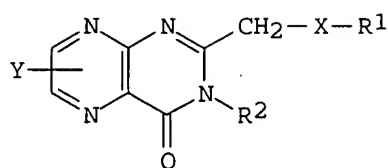
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			US 1990-501104	A3	19900329
CASREACT 114:228957; MARPAT 114:228957					
39870-67-2					
RL: RCT (Reactant); RACT (Reactant or reagent)					
(reaction of, in prepn. of pteridine derivs. as allergy inhibitors)					
RN	39870-67-2 CAPLUS				
CN	Pyrazinecarboxamide, 3,5-diamino- (9CI) (CA INDEX NAME)				



GI



I



I

AB Title compds. [I; X = O, S; Y = H, alkyl, OH; R1 = H, alkyl, etc.; R2 = H, alkyl] and their pharmaceutically acceptable salts, were prepd., e.g., via cyclocondensation of 3-amino-2-pyrazinecarboxamides with Et orthoethoxyacetates. A mixt. of 3-amino-2-pyrazinecarboxamide, EtOCH2C(OEt)3, and Ac2O was refluxed for 3 h to give 44% I [X = O, Y = R2 = H, R1 = Et], which effected 50% desensitization of ovalbumin antiserum homolog-sensitized rat skin at 7 mg/kg i.p. Capsules, aerosols, tablets, injections, etc., contg. I were formulated.

L3 ANSWER 12 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1984:505696 CAPLUS

DN 101:105696

TI Studies on herbicidal 2,3-pyrazinedicarbonitriles (2,3-dicyanopyrazines). Part IV. Synthesis and herbicidal activity of 6-phenyl-5-propylamino-2-pyrazinecarbonitriles and related compounds

AU Nakamura, Akira; Ono, Matsuo; Segawa, Hirozo; Takematsu, Tetsuo

CS Res. Lab., Kyowa Gas Chem. Ind. Co., Ltd., Nakajo, 959-26, Japan

SO Agricultural and Biological Chemistry (1984), 48(4), 1009-16

CODEN: ABCHA6; ISSN: 0002-1369

DT Journal

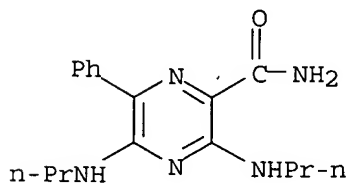
LA English

IT 90688-06-5P

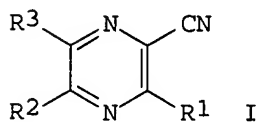
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RN 90688-06-5 CAPLUS

CN Pyrazinecarboxamide, 6-phenyl-3,5-bis(propylamino)- (9CI) (CA INDEX NAME)



GI

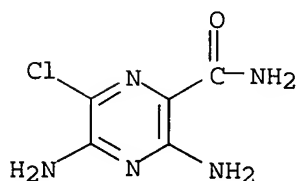


I

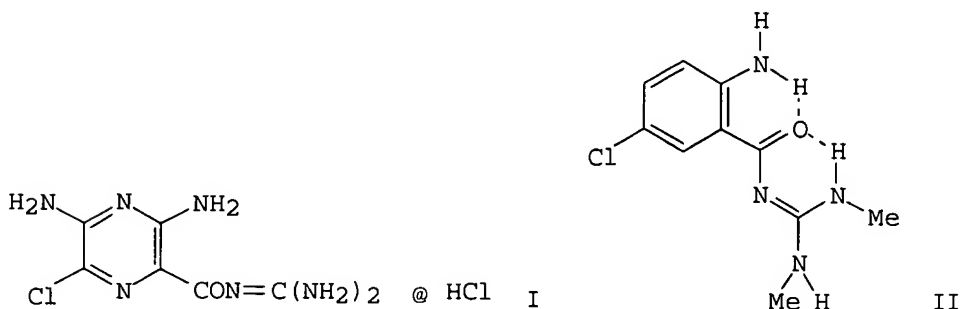
AB 2-Pyrazinecarbonitriles, I (R1 = H, CN, or NHPr; R2 or R3 = NHPr or

substituted Ph) were prepd. and their herbicidal activity was related to their structure. For example, 6-phenyl-5-propylamino-2-pyrazinecarbonitrile (II) [82825-73-8] was prepd. by hydrolysis of 6-phenyl-5-propylamino-2,3-pyrazinedicarbonitrile [72113-09-8] with NaOH, followed by decarboxylation and treatment with POC13. II (20 g/are) completely killed barnyard grass and broadleaf weeds. The compds. having no CN group on the pyrazine ring were inactive even at 200 g/are, e.g., 3,5-bis(propylamino)-6-phenyl-2-pyrazinecarboxamide [90688-06-5].

L3 ANSWER 13 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1979:120880 CAPLUS
 DN 90:120880
 TI Proton, carbon-13, and nitrogen-15 nuclear magnetic resonance and CNDO/2 studies on the tautomerism and conformation of amiloride, a novel acylguanidine
 AU Smith, Robert L.; Cochran, David W.; Gund, Peter; Cragoe, Edward J., Jr.
 CS Merck Sharp and Dohme Res. Lab., West Point, PA, USA
 SO Journal of the American Chemical Society (1979), 101(1), 191-201
 CODEN: JACSAT; ISSN: 0002-7863
 DT Journal
 LA English
 IT **14236-57-8**
 RL: PRP (Properties)
 (NMR of)
 RN 14236-57-8 CAPLUS
 CN Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)



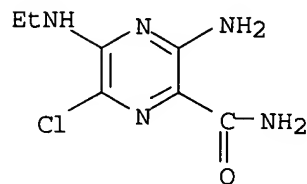
GI



AB The favored ground-state structures were detd. for the novel acylguanidine diuretic, amiloride (I), and its free base using natural-abundance ¹H, ¹³C, and ¹⁵N NMR techniques and CNDO/2 theor. calcns. I existed primarily in the acylamino tautomer form as planar conformer F1, whereas the free

base preferred the acylimino tautomer form as planar conformer A1 (and/or A4). The dynamic mechanism(s) for the exptl. obsd. rapid equil. of the terminal amino groups in I and the free base and, when N-substituted, their substituents were explored by the CNDO/2 method. Of the six possible pathways considered for effecting N-10-N-11 interconversion in the free base a novel mechanism involving a synchronous rotation around .vphi.2 and .vphi.3 was calcd. to have the lowest barrier to interconversion. Exptl. verification of this novel mechanism was attempted, but not found, by prepn. of an appropriate model, II and subsequent detn. of the .DELTA.G.++ values (14.7-14.8 kcal/mol) for II and pyrazine analogs using the dynamic ¹³C NMR technique in Me₂SO-d₆-CD₃OI). The free base is likely to undergo N-10-N-11 interconversion via simple .vphi.3 rotation and/or .vphi.2 rotation plus inversion. Accordingly, I must equilibrate by a .vphi.3 rotation mechanism.

L3 ANSWER 14 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1973:487342 CAPLUS
 DN 79:87342
 TI 6-Substituted 5-chloro-1,3-dihydro-2H-imidazo[4,5-b]pyrazin-2-ones with hypotensive activity
 AU Jones, James H.; Holtz, Wilbur J.; Cragoe, Edward J., Jr.
 CS Merck Sharp and Dohme Res. Lab. Div., Merck and Co., Inc., West Point, PA, USA
 SO Journal of Medicinal Chemistry (1973), 16(5), 537-42
 CODEN: JMCMAR; ISSN: 0022-2623
 DT Journal
 LA English
 IT **50665-18-4P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 50665-18-4 CAPLUS
 CN Pyrazinecarboxamide, 3-amino-6-chloro-5-(ethylamino)- (9CI) (CA INDEX NAME)



AB Title compds. substituted in the 6 position with alkylamino, dialkylamino, alkylaminoethylamino, or pyridylalkylamino groups were potent hypotensive agents in dogs because of the peripheral vasodilatory properties. Most were also inhibitors of beef heart cyclic AMP phosphodiesterase [9036-21-9] in vitro. Thus, 5-chloro-6-ethylamino-1,3-dihydro-2H-imidazo[4,5-b]pyrazin-2-one (I) [27604-23-5] at 20 mg/kg i.v. produced >50 mm Hg decrease in carotid arterial blood pressure in anesthetized dogs, and at 10-3 M produced 70% inhibition of cyclic AMP phosphodiesterase in vitro. Most compds. also possessed bronchodilatory and cardiac stimulant properties. 5-Chloro-6-[[2-(dimethylamino)ethyl]amino]-1,3-dihydro-2H-imidazo[4,5-b]pyrazin-2-one [27604-38-2] produced hypotension and bronchodilation, but had no cardiac stimulant properties and was a poor inhibitor of cyclic AMP phosphodiesterase. To synthesize I, 3-amino-5,6-dichloropyrazine-2-carboxylic acid Me ester was converted to

the 5-ethylamino deriv. by the method of K. L. Shepard, et al. (1969), converted to the hydrazide, then to the azide, and submitted to thermal Curtius rearrangement with intramol. cyclization.

L3 ANSWER 15 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1973:30463 CAPLUS

DN 78:30463

TI Aminocyanopyrazines

IN Donald, Dennis Scott

PA du Pont de Nemours, E. I., and Co.

SO Ger. Offen., 49 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2216925	A	19721019	DE 1972-2216925	19720408
				US 1971-133724	19710413
				US 1971-184578	19710928
				US 1972-232206	19720306
				US 1972-232207	19720306
	US 3814757	A	19740604	US 1972-232207	19720306
				US 1971-133724	19710413
	US 3948895	A	19760406	US 1972-232206	19720306
				US 1971-184578	19710928
	BE 781991	A1	19721012	BE 1972-116219	19720412
				US 1971-133724	19710403
				US 1971-184578	19710928
				US 1972-232206	19720306
				US 1972-232207	19720306
	FR 2132870	A5	19721124	FR 1972-12786	19720412
				US 1971-133724	19710413
	NL 7204981	A	19721017	NL 1972-4981	19720413
				US 1971-133724	19710413
				US 1971-184578	19710928
				US 1972-232206	19720306
				US 1972-232207	19720306

PATENT FAMILY INFORMATION:

FAN 1976:122557

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3928351	A	19751223	US 1973-403867	19731005
				US 1971-133724	19710413
				US 1972-232207	19720306
	US 3814757	A	19740604	US 1972-232207	19720306
				US 1971-133724	19710413
	FR 2132870	A5	19721124	FR 1972-12786	19720412
				US 1971-133724	19710413

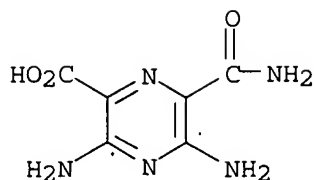
IT 39870-64-9P 39870-66-1P 39870-67-2P

RL: PREP (Preparation)

(prepn. of)

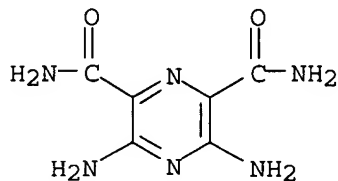
RN 39870-64-9 CAPLUS

CN Pyrazinecarboxylic acid, 3,5-diamino-6-(aminocarbonyl)- (9CI) (CA INDEX NAME)



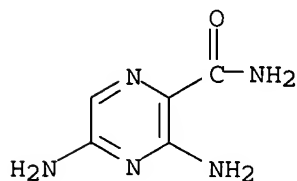
RN 39870-66-1 CAPLUS

CN 2,6-Pyrazinedicarboxamide, 3,5-diamino- (9CI) (CA INDEX NAME)



RN 39870-67-2 CAPLUS

CN Pyrazinecarboxamide, 3,5-diamino- (9CI) (CA INDEX NAME)



AB Twenty-three title compds. [I, R = CN, NH₂, NMe₂, OMe, NHMe, NHCH₂CH:CH₂, NMePh, or 1-piperazinyl; R₁ = R, NHCH₂Ph, NPh, OCH₂Me, or CH₂NO₂.NEt₃; R₂ = R₃ or H; R₃ = CN, CONH₂, or CO₂H] were prepd., used as fluorescent brighteners, hardeners for epoxy resins, or intermediates for polymers, and useful as intermediates for diuretics. Thus, HN:C(CN)C(CN):NH reacted successively with p-MeC₆H₄SO₃H.H₂O and H₂NC(CN):C(CN)NH₂ to give 25.4% tetracyanopyrazine (II) [33420-37-0]. II reacted with Me₂NH in THF at 0.deg. to give 92.7% 2-(dimethylamino)-3,5,6-tricyanopyrazine [38050-94-1]. This gave on treatment with NH₃ in THF 89% 2-(dimethylamino)-3,5-dicyano-6-aminopyrazine [38050-95-2]. I (R = R₁ = 1-piperazinyl, R₂ = R₃ = CN) was copolymerized with, e.g., 2,4-(OCN)₂C₆H₃Me to give 2,6-dipiperazinyl-3,5-dicyanopyrazine-2,4-diisocyanatotoluene copolymer [37953-12-1].

L3 ANSWER 16 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1969:512983 CAPLUS

DN 71:112983

TI (3,5-Diamino-6-halopyrazinoyl) guanidines

IN Pollak, Peter I.; Tull, Roger J.

PA Merck and Co., Inc.

SO Fr., 8 pp.

CODEN: FRXXAK

DT Patent

LA French

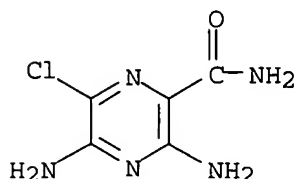
FAN.CNT 1

PATENT NO.

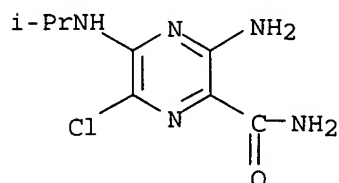
KIND DATE

APPLICATION NO. DATE

 PI FR 1525692 19680517 US 19660825
 IT 14236-57-8P 17231-60-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 14236-57-8 CAPLUS
 CN Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)



RN 17231-60-6 CAPLUS
 CN Pyrazinecarboxamide, 3-amino-6-chloro-5-(isopropylamino)- (8CI) (CA INDEX NAME)



GI For diagram(s), see printed CA Issue.
 AB The title compds. (I) are prepd. by reacting a 3,5-diamino-6-halopyrazinoylcyanamide (II) with NH₃ or an amine and are useful as diuretics. Thus, 1 mole methyl 6-chloro-3,5-diaminopyrazinecarboxylate in MeOH is treated with 1 mole sodium cyanamide and refluxed 3 hrs., the solvent evapd. and the residue dissolved in 1 l. concd. NH₄OH contg. 3 moles NH₄Cl and heated 3 hrs. (pH = 8), to yield I (R₁ = R₂ = R₃ = R₄ = H, R = Cl), m. 240.5-1.56.degree. (decompn.); HCl salt m. 293.5.degree.. Similarly was prepd. the following I (R = Cl, R₁ = R₂ = R₄ = H) (R₃ and m.p. given): Me, 252-4.degree.; CH₂CH₂OH, - (HCl salt m. 228.5-9.5.degree.); benzyl, 215-16.degree.; o-ClC₆H₄CH₂, 220-3.degree.; p-FC₆H₄CH₂, 216-19.5.degree.; p-MeC₆H₄CH₂, 210-12.degree.; p-MeOC₆H₄CH₂, 175.5-9.5.degree.; 2,4-Me₂C₆H₃CH₂, 220-2.degree.; Ph-CHMe, 152-60.degree.; PhCH₂CH₂, 219-21.5; 3-pyridylmethyl, - (2HCl salt m. 280.5-3.5.degree.. Also the following I (R = Cl, R₁ = Me, R₃ = R₄ = H) (R₂ and m.p. given): Me, 216-17.degree.; Et, 229-30.degree.; Pr, 214-15.degree.; iso-Pr, 207-8.degree.. Also I (R = Cl, R₁ = H, R₃ = R₄ = Me (same data given): H, - (HCl.H₂O m. 277.degree.); iso-Pr, 238.5-40.degree.; allyl, 213-15.degree.; Bu, 187-5.degree.. Also I (R = Cl, R₁ = R₄ = H) (R₂, R₃, and m.p. given): iso-Pr, Me, 300.degree.; iso-Pr, CH₂CH₂OH, - (HCl semihydrate 185-6.degree.); iso-Pr, PhCH₂, 200.5-4.5.degree.; allyl, H, 213-14.degree.; cyclopropylmethyl, H, 220-1.5.degree.. Also the following I (R, R₁, R₂, R₃, R₄, and m.p. given): Cl, iso-Pr, H, Me, Me, 238.5-40.degree.; Br, H, H, H, H, 232.5-5.5.degree.; Cl, H, H, Et, Et, 265.degree.; Cl, H, H, Me, PhCH₂, - (HCl salt m. 274.5.degree.); Cl, Me, iso-Pr, Me, Me, 209-11.degree.; Cl, Et, Et, Me, Me, 212-14.degree..

L3 ANSWER 17 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1969:491530 CAPLUS

DN 71:91530

TI (3,5-Diamino-6-halopyrazinoyl)guanidines

IN Pollak, Peter I.; Tull, Roger J.

PA Merck and Co., Inc.

SO Fr., 9 pp.

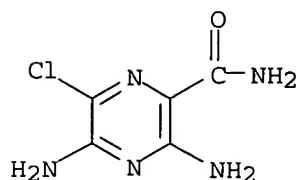
CODEN: FRXXAK

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1528217		19680607	US	19660825
IT	14236-57-8P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	14236-57-8	CAPLUS			
CN	Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)				



GI For diagram(s), see printed CA Issue.

AB I compds. are prepd. Thus, Me 3,5-diamino-6-chloropyrazinoate is converted to 3,5-diamino-6-chloropyrazinamide which is dehydrated to II (R = CN) (III), m. 295.degree.. III (1 mole) is treated with 1.1 moles EtOH and 1.1 moles HCl at 0.degree. to give II [R = C(OEt):NH]-HCl which is heated with EtOH to give II [R = C(OEt)3] (IV). A mixt. of 1 mole IV, 1 mole guanidine, and 2 moles Ac2O is heated 1 hr. at 140.degree. to give II [R = C(OEt):NC(:NH)NH2] which is heated 5 hrs. with 2N HCl to give (3,5-diamino-6-chloropyrazinoyl)guanidine-HCl, m. 293.5.degree. (decompn.) Similarly prepd. are the following I (n = 0, R4 = H) [R, R1, R2, R3, and m.p. (decompn.) given]: H, H, Me, H 252-4.degree.; H, H, Me, Me, - (HCl salt monohydrate m. 277.degree.); H, H, Et, Et, 265.degree.; H, H, Me, PhCH2, - (HCl salt m. 274.5.degree.); H, H, CH2CH2OH, H, - (HCl salt m. 228.5-9.5.degree.); H, H, PhCH2, H, 215-16.degree.; H, H, m-ClC6H4CH2, H, 220-3.degree.; H, H, p-FC6H4CH2, H, 216-19.5.degree.; H, H, p-MeC6H4CH2, H, 210-12.degree.; H, H, p-MeOC6H4CH2, H, 175.5-9.5.degree.; H, H, 3,4-Me2C6H3CH2, H, 220-2.degree.; H, H, PhCHMe, H, 152-60.degree.; H, H, PhCH2CH2, H, 219-21.5.degree.; H, H, 3-pyridylmethyl, H, - (2HCl salt m. 280.5-3.5.degree.); H, iso-Pr, Me, H, >300.degree.; H, iso-Pr, Me, Me, 238.5-40.degree.; H, iso-Pr, CH2CH2OH, H, - (HCl salt hemihydrate m. 185-6.degree.); H, iso-Pr, PhCH2, H, 200.5-4.5.degree.; H, allyl, H, H, 213-14.degree.; H, allyl, Me, Me, 213-15.degree.; H, Bu, Me, Me, 187.5.degree.; H, cyclopropyl, H, H, 220-1.5.degree.; Me, Me, H, H, 216-17.degree.; Me, Et, H, H, 229-30.degree.; Me, Pr, H, H, 214-15.degree.; Me, iso-Pr, H, H, 207-8.degree.; Me, iso-Pr, Me, Me, 209-11.degree.; Et, Et, Me, Me, 212-14.degree.; (3,5-diamino-6-pyrazinamido)guanidine-HCl, m. 281-2.degree. (decompn.); I (n = 1, R = R1 = Me, R2 = R3 = R4 = H), m. 221.degree. (decompn.); I (n = 1, R = R1 = R4

= H, R2 = R3 = Me)-HCl, m. 279-80.degree. (decompn.); (3,5-diamino-6-bromopyrazinoyl)guanidine, m. 232.5-5.5.degree.; I [n = 0, R = R1 = R2 = H, (R3R4 =) CH2CH2], m. 222.5-3.5.degree..

L3 ANSWER 18 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1969:481416 CAPLUS

DN 71:81416

TI (3,5-Diamino-2-pyrazinol)- and (3,5-diaminopyrazinamido)guanidines

IN Pollak, Peter I.; Tull, Roger J.

PA Merck and Co., Inc.

SO Fr., 6 pp.

CODEN: FRXXAK

DT Patent

LA French

FAN.CNT 1

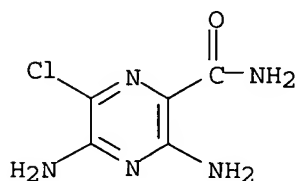
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1525693		19680517	US	19660825

IT **14236-57-8P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 14236-57-8 CAPLUS

CN Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)



GI For diagram(s), see printed CA Issue.

AB Compds. I are prepd. from pyrazinamides and pyrazinehydrazides and 1-amidino-3,5-dimethylpyrazole (II). Thus, III (X = Cl, Y = OMe) is converted to III (X = Cl, Y = NH2) (IV), m. 218.5-20.5.degree.. IV (1 mole) in iso-PrOH is treated with 1 mole KOH, 1 mole II nitrate is added, and the mixt. is agitated in ice 1 week to give (3,5-diamino-6-chloropyrazinoyl)guanidine-HCl, m. 293.5.degree. (decompn.). Similarly prepd. are the following I (X = Cl, n = o) (R, R1, R2, R3, and m.p. given): H, H, Me, H, 252-4.degree.; H, H, Me, Me, -, HCl monohydrate m. 277.degree.; H, H, CH2CH2OH, H, - (HCl salt m. 228.5-9.5.degree.); H, H, PhCH2, H, 215-16.degree.; H, H, PhCH2CH2, H, 219-21.5.degree.; H, iso-Pr, Me, H, >300.degree.; H, iso-Pr, Me, Me, 238.5-40.degree.; H, iso-Pr, CH2CH2OH, H, - (HCl hemihydrate m. 185-6.degree.); H, iso-Pr, PhCH2, H, 200.5-4.5.degree.; H, allyl, H, H, 213-14.degree.; H, allyl, Me, Me, 213-15.degree.; H, Bu, Me, Me, 187.5.degree.; H, cyclopropylmethyl, H, H, 200-21.5.degree.; Me, Me, H, H, 216-17.degree.; Me, Et, H, H, 229-30.degree.; Me, Pr, H, H, 214-15.degree.; Me, iso-Pr, H, H, 207-8.degree.; Me, iso-Pr, Me, Me, 209-11.degree.; Et, Et, Me, Me, 212-14.degree.; and (m.p. given): I (n = 0, X = Br, R = R1 = R2 = R3 = H), 232.5-5.5.degree.; I (n = 1, X = Cl, R = R1 = R2 = R3 = H)-HCl, 281-2.degree..

L3 ANSWER 19 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

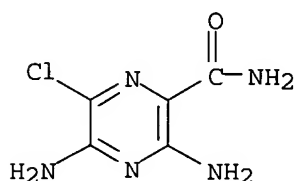
AN 1968:105237 CAPLUS

DN 68:105237
 TI 3-Amino-6-halopyrazinecarbonitriles
 IN Cragoe, Edward J., Jr.; Jones, James Holden
 PA Merck and Co., Inc.
 SO U.S., 6 pp.
 CODEN: USXXAM

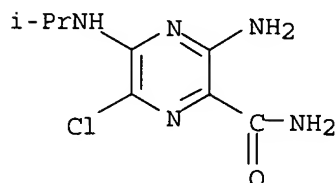
DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3341540		19670912	US	19651004
IT	14236-57-8P 17231-60-6P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	14236-57-8 CAPLUS				
CN	Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)				



RN 17231-60-6 CAPLUS
 CN Pyrazinecarboxamide, 3-amino-6-chloro-5-(isopropylamino)- (8CI) (CA INDEX NAME)



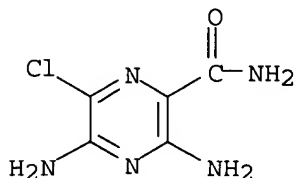
GI For diagram(s), see printed CA Issue.
 AB The title compds. (I), mostly 5-substituted (variety of substituents shown by examples), are intermediates for prepg. 2,4-diamino-6-halo-7-(substituted or not)-pteridines which are diuretics and saluretics effective on oral and parenteral administration in the usual forms. The synthetic methods are illustrated by the examples. Thus, 25 g. Me 3-amino-6-chloropyrazinecarboxylate (II) in 500 ml. concd. NH₄OH stirred 1 hr. on a steam bath, cooled, filtered, washed with water and dried yielded 88% 3-amino-6-chloropyrazinecarboxamide, m. 231-2.degree. (EtOH-water), 17.2 g. of which in 170 ml. HCONMe₂ (DMF) was treated with 17 ml. POCl₃ and the mixt. stirred 10 min. on a steam bath, cooled, and neutralized with NH₄OH to yield 69% N,N-dimethyl-N'-(3-cyano-6-chloro-2-pyrazinyl)formamidine, m 114-16.degree. (cyclohexane); heating 4 g. of this in 100 ml. 5% aq. HCl 10 min. on a steam bath gave on cooling and filtering 95% I (R₁ = Cl, R-H), m. 151-3.degree. (cyclohexane). A soln. of 11.1 g. 3-aminopyrazinecarbonitrile in 92 ml. AcOH at 60.degree. was stirred 15 min. with 16 g. Br in 7 ml. AcOH and the mixt. cooled and poured into 300 ml. ice water to ppt. 85% I (R = H, R₁ = Br), m.

181-3.degree. (C₆H₆, EtOH). A mixt. of 11.1 g. Me 3-amino-5,6-dichloropyrazinecarboxylate (III) and 100 ml. liq. NH₃ was kept at 25.degree. in an autoclave 24 hrs., the NH₃ expelled, and MeOH used to remove 4.0 g. 3-amino-5,6-dichloropyrazinecarboxamide (IV), m. 291.5-3.5.degree. (DMF), 22 g. of which in 220 ml. DMF was stirred with 22 ml. POCl₃ and the mixt. heated to 80.degree., stirred 10 min., cooled, and poured into 500 ml. water to give 48% N,N-dimethyl-N'-(3-cyano-5,6-dichloro-2-pyrazinyl)formamidine, m. 117-19.degree. (methylcyclohexane); heating 2.5 g. of this with 100 ml. water and 10 ml. 6N HCl 1 hr. on a steam bath yielded 95% I (R = R₁ = Cl) (V), m. 213-15.degree. (C₆H₆). V (0.0625 mole) in 50 ml. Me₂SO at 65.degree. stirred with 0.05 mole MeONH₂ 15 min. yielded in 150 ml. water I (R = MeONH, R₁ = Cl). Me 3-amino-6-bromopyrazinecarboxylate (4.6 g.) and 3.4 g. 3-ClC₆H₄CO₂OH in 75 ml. CHCl₃ was refluxed 1 hr. and chilled to yield 98% Me 3-amino-6-bromopyrazinecarboxylate 4-oxide (VI), m. 200-2.degree. (EtOH), 2.0 g. of which in 20 ml. DMF was stirred with 2.0 ml. POCl₃ and poured into 100 ml. water to yield, after several hrs., 71% Me 3-amino-5-chloro-6-bromopyrazinecarboxylate (VII), m. 225-8.degree. (MeCN). III (22.2 g.) heated with 200 ml. liq. NH₃ at 100.degree. 12 hrs. in an autoclave yielded 90% 3,5-diamino-6-chloropyrazinecarboxylate, m. 218.5-20.5.degree., 2.0 g. of which in 20 ml. DMF was treated with 2.0 ml. excess POCl₃, the mixt. kept at 80.degree. 10 min., the solvent distd. in vacuo, and the residue added to 50 ml. boiling water to yield 77% I (R = NH₂, R₁ = Cl), m. 295.degree. (water). IV (12.4 g.) in 160 ml. Me₂SO was heated with 7.1 g. iso-PrNH₂ at 65.degree. 0.5 hr. and the mixt. poured into 300 ml. water to give 60% 3-amino-5-isopropylamino-6-chloropyrazinecarboxamide, m. 140-1.degree. (iso-PrOH), 7.2 g. of which gave 54% N,N-dimethyl-N'-(3-cyano-5-chloro-6-isopropylamino-2-pyrazinyl)formamidine, m. 144-5.degree. (iso-PrOH); 2.6 g. of this yielded 60% I (R = iso-PrNH, R₁ = Cl), m. 126-8.degree. (methylcyclohexane). IV (10.0 g.) in 150 ml. Me₂SO heated on a steam bath 0.5 hr. with 20 ml. 25% aq. Me₂NH yielded, on pouring into 200 ml. water, 86% 3-amino-5-dimethylamino-6-chloropyrazinamide, m. 181-3.degree. (EtOH), 8.0 g. of which, treated like its analogs, yielded 55% I (R = Me₂N, R₁ = Cl), m. 120-2.degree.. V (10 g.) in 70 ml. Me₂SO was heated to 60.degree. and treated with 3.5 g. allylamine and the mixt. stirred 20 min., cooled, and poured into 200 ml. water to yield 56% I (R = allylamino, R₁ = Cl), m. 103-5.degree. (BuCl); similarly, 5.0 g. V with 3.5 ml. 70% aq. EtNH₂ yielded 62% I (R = EtNH, R₁ = Cl), m. 107-9.degree. (iso-PrOH); 8.0 g. V in 80 ml. EtOH refluxed 18 hrs. with 6.2 g. Et₂NH yielded 70% I (R = Et₂N, R₁ = Cl), m. 114-16.degree. (methylcyclohexane). V with HOCH₂CH₂NH₂ (stirring 24 hrs.) gave I (R = HOCH₂CH₂NH, R₁ = Cl), and V with furylamine gave I (R = furylamino, R₁ = Cl). IV (20.7 g.) was heated on a steam bath 0.5 hr. with MeONa (from 2.3 g. Na and 100 ml. MeOH) in DMF to yield by vacuum distn. 3-amino-5-methoxy-6-chloropyrazinamide. A soln. of 10 g. V, 14.9 g. PhNH₂, and 13.7 g. PhNH₃Cl in 100 ml. Me₂SO yielded, after 3 hrs. at 65.degree. and diln. with 100 ml. water, I (R = PhNH₂, R₁ = Cl).

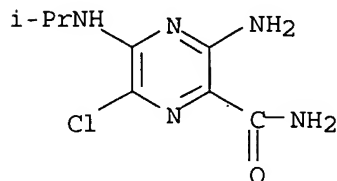
L3 ANSWER 20 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1968:78309 CAPLUS
DN 68:78309
TI 2-(3-Amino-6-halopyrazinecarboxamidino)-2-imidazoline derivatives
IN Cragoe, Edward J., Jr.; Jones, James Holden
PA Merck and Co., Inc.
SO U.S., 8 pp.
CODEN: USXXAM
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3299063		19670117	US	19651004
IT	14236-57-8P 17231-60-6P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	14236-57-8 CAPLUS				
CN	Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)				



RN 17231-60-6 CAPLUS
CN Pyrazinecarboxamide, 3-amino-6-chloro-5-(isopropylamino)- (8CI) (CA INDEX NAME)



AB The title compds. (I) were prepd. Thus, 300 g. Me 3-amino-6-chloropyrazinecarboxylate was added to 2l. concd. NH₄OH, stirred at room temp. for 16 hrs. to give 260 g. II (R = H, R₁ = Cl, R₂ = CONH₂) (III), m. 227-30.degree.. Similarly prepd. were II (R₂ = CONH₂, R, R₁, and m.p. given): Cl, Cl, 290-2.degree. (decompn.); NH₂, Cl, 218.5-20.5.degree.; iso-PrNH, Cl, 140-1.degree.; Me₂N, Cl, 181-3.degree.; MeO, Cl, -. III (2 g.) in 20 ml. Me₂NCHO was treated with 2 ml. POCl₃, heated on a steam bath for 10 min. to give 1.5 g. N, N-dimethyl-N'-(3-cyano-5-chloro-2-pyrazinyl)formamidine (IV), m. 114-16.degree. (cyclohexane). N,N-Dimethyl-N'-(3-cyano-5-chloro-6-isopropylamino-2-pyrazinyl)formamidine, m. 144-5.degree. (iso-PrOH), was also prepd. similarly. IV (4. g.) in 100 ml. 2.5% HCl was heated on a steam bath for 15 min. to give, on cooling, 2.8 g. II (R = H, R₁ = Cl, R₂ = CN) (V), m. 151.5-3.5.degree. (cyclohexane). Similarly prepd. were II (R₂ = CN, R, R₁, and m.p. given): Cl, Cl (VI), 213-15.degree.; H, Br, 181-3.degree.; Cl, Br, -; Br, Br, -; NH₂, Cl, 290-5.degree.; iso-PrNH, Cl, 126-8.degree.; Me₂NH, Cl, 120-2.degree.; allylamino, Cl, 103-5.degree.; EtNH, Cl, 107-9.degree.; Et₂N, Cl, 114-6.degree.; MeO, Cl, -; MeS, Cl, -; EtS, Br, -; NH₂, Br, -; HOCH₂CH₂NH, Cl, -; furfurylamino, Cl, -; PhNH, Cl, -; Ph, Br, -; p-tolyl, Cl, -; p-ClC₆H₄, Cl, -; Me, Br, -; PhCH₂O, Cl, -; PhCH₂S, Cl, -; p-MeC₆H₄NH, Cl, -; p-ClC₆H₄NH, Cl, -. Stirring of 0.0625 mole VI in 50 ml. Me₂SO with 0.13 mole MeONH₂ at 65.degree. for 15 min. gave II (R = MeONH, R₁ = Cl, R₂ = CN). A soln. of 4.6 g. Me 3-amino-6-bromopyrazinecarboxylate and 3.4 g. m-chloroperbenzoic acid in 75 ml. CHCl₃ was refluxed for 1 hr. to give, on cooling, 5 g. Me 3-amino-6-bromopyrazinecarboxylate 4-oxide (VII), m. 200-2.degree.. VII

(2 g.) in 20 ml. POCl_3 , stirred for 30 min. and poured into 100 ml. H_2O gave 1.5 g. Me 3-amino-5-chloro-6-bromopyrazinecarboxylate, m. 225-8.degree., which was converted into II ($\text{R} = \text{Cl}$, $\text{R}_1 = \text{Br}$, $\text{R}_2 = \text{CN}$) by a similar method. V (5 g.) in 100 ml. warm abs. EtOH was treated with 2.5 g. gaseous MeSH and with 2 drops 5% NaOH, stirred for 15 min., treated with 100 ml. H_2O , and filtered to give 6.2 g. Me 3-amino-6-chlorothiopyrazinecarboximidate (VIII), m. 193.degree. (decompn.). Et 3-amino-6-chloropyrazinecarboximidate-HCl (IX) was similarly prepd. by replacing MeSH by an excess of HCl and omitting the NaOH. Na (460 mg.) in 50 ml. MeOH was treated with 2.4 g. 2-amino-2-imidazoline-HCl, refluxed for 30 min. treated with 2 g. VIII, refluxed for 30 min. to give 900 mg. I ($\text{R} = \text{H}$, $\text{R}_1 = \text{Cl}$) (X), m. 150.5.degree.. X was also obtained by using IX instead of VIII. Na (460 mg.) in 50 ml. MeOH was treated with 2.4 g. 2-amino-2-imidazoline-HCl, refluxed for 30 min. treated with 2 g. VI and refluxed for 10 min. to give 1.3 g. I ($\text{R} = \text{R}_1 = \text{Cl}$), m. >290.degree.. Similarly prepd. were I (R and R_1 given): H, Br; MeONH, Cl; Cl, Br; Br, Br; NH_2 , Cl; iso-PrNH, Cl; Me₂N, Cl; allylamino, Cl; EtNH, Cl; Et₂N, Cl; MeO, Cl; MeS, Cl; EtS, Br; NH_2 , Br; $\text{HOCH}_2\text{CH}_2\text{NH}$, Cl; furfurylamino, Cl; PhNH, Cl; Ph, Br; PhCH_2O , Cl; PhCH_2S , Cl; p-MeC₆H₄NH, Cl; p-ClC₆H₄NH, Cl.

L3 ANSWER 21 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1968:59614 CAPLUS

DN 68:59614

TI Pyrazine derivatives

PA Merck and Co., Inc.

SO Neth. Appl., 21 pp.

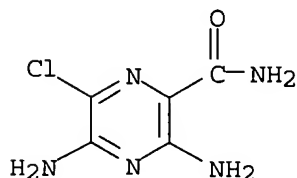
CODEN: NAXXAN

DT Patent

LA Dutch

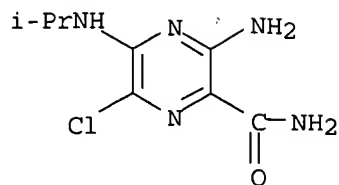
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	NL 6613934		19670405	US	19651004
IT	14236-57-8P 17231-60-6P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	14236-57-8 CAPLUS				
CN	Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)				



RN 17231-60-6 CAPLUS

CN Pyrazinecarboxamide, 3-amino-6-chloro-5-(isopropylamino)- (8CI) (CA INDEX NAME)



GI For diagram(s), see printed CA Issue.

AB Reaction of 3-amino-5-(X-substituted)-6-halopyrazine-2-carboxamide (Ia) with HCONMe₂ and POCl₃ or SOCl₂ gives N,N-dimethyl-N'-(3-cyano-5-halo-6-(X-substituted)-2-pyrazinyl)formamidine (Ib), which is hydrolyzed to 3-amino-5-(x-substituted)-6-pyrazinecarbonitrile (I) which is an intermediate in the prepn. of 7-substituted 2,4-diamino-6-halopteridines. Thus, 25 g. methyl 3-amino-6-chloropyrazine-2-carboxylate in 500 ml. concd. NH₄OH was heated 1 hr. on a steam bath with stirring to yield 88% 3-amino-6-chloropyrazine-2-carboxamide (II), m. 231-2.degree. (alc.-H₂O). A suspension of 17.2 g. II in 170 ml. HCONMe₂ was treated with 17 ml. POCl₃, the mixt. heated 10 min. on a steam bath, cooled, poured into ice-water and neutralized with NH₄OH to yield 69% N,N-dimethyl-N'-(3-cyano-5-chloro-2-pyrazinyl)formamidine (III), m. 114-16.degree. (cyclohexane). A soln. of 4 g. III in 100 ml. 5% HCl soln. in H₂O was heated 10 min. on a steam bath, cooled, and filtered, to yield 95% 3-amino-6-chloropyrazinecarbonitrile (IV), m. 151-3.degree. (cyclohexane). A soln. of 11.1 g. 3-aminopyrazinecarbonitrile in 92 ml. AcOH was prepd. by heating at 60.degree., 16 g. Br in 7 ml. AcOH added, the mixt. stirred 15 min., cooled, and poured into 300 ml. ice water to yield 85% 3-amino-6-bromopyrazinecarbonitrile (V), m. 181-3.degree. (C₆H₆, EtOH). Similarly prepd. were pyrazine-2-carbonitriles and m.p. given): 95% 3-amino-5,6-dichloro (VI), 213-15.degree. (C₆H₆); 77% 3,5-diamino-6-chloro, 295.degree. (H₂O); 60% 3-amino-5-isopropylamino-6-chloro, 126-8.degree. (methylcyclohexane); 55% 3-amino-5-dimethylamino-6-chloro, -; 56% 3-amino-5-allylamino-6-chloro, 103-5.degree. (BuCl); 62% 3-amino-5-ethylamino-6-chloro, 107-9.degree. (iso-PrOH); 70% 3-amino-5-diethylamino-6-chloro, 114-16.degree. (methylcyclohexane).

L3 ANSWER 22 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1968:49653 CAPLUS

DN 68:49653

TI Derivatives of pyrazine

IN Pollak, Peter I.; Tull, Roger J.

PA Merck and Co., Inc.

SO U.S., 4 pp.

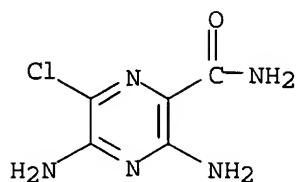
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3328404		19670627	US	19660825
IT	14236-57-8P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	14236-57-8	CAPLUS			
CN	Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)				

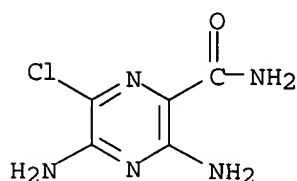


GI For diagram(s), see printed CA Issue.

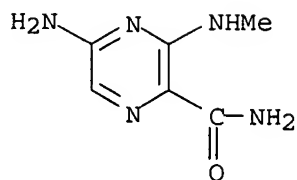
AB (3,5-Diamino-6-halopyrazinoyl)guanidine and (3,5-diamino-6-halopyrazinamido)guanidine compds. of structure I possess diuretic properties and selectively enhance the excretion of Na and Cl and suppress the excretion of K. Thus, 0.1 mole II ($R = R_1 = R_2 = H$, $R_3 = Me$) (IIa) heated 12 hrs. at 100.degree. in 200 ml. liq. NH_3 gives 90% 3,5-diamino-6-chloropyrazinamide (III), m. 218.5-20.6.degree. (MeOH) (Step A). III (0.0115 mole) in 20 ml. $HCONMe_2$ and 2 ml. $POCl_3$ heated 10 min. at 80.degree. gives 77% 3,5-diamino-6-chloropyrazinonitrile, m. 295.degree. (H_2O), which (1 mole) in 1.1 moles abs. EtOH and 500 ml. Et₂O is satd. with 1.1 moles HCl gas at 0.degree. and kept 4 days at 0.degree.. The formed Et 3,5-diamino-6-chloropyrazinimidate-HCl is heated 16 hrs. at 40.degree. in 1 l. EtOH with 2 moles $HNMe_2$ to give N,N-dimethyl-3,5-diamino-6-chloropyrazinamide. This is refluxed 1 hr. with 1 mole guanidine in EtOH, the mixt. evapd., and the residue refluxed 5 hrs. in 500 ml. 2N HCl to give (3,5-diamino-6-chloropyrazinoyl)guanidine-HCl, m. 293.5.degree. (decompn.). (Step B). The 6-bromo analog is prepd. similarly the as free base, m. 232.5-5.5.degree.. Replacing guanidine by aminoguanidine in B gives (3,5-diamino-6-chloropyrazinamido)guanidine, m. 281-2.degree. (decompn.). (Step C). Replacing IIa in A by Me 3-amino-5-dimethylamino-6-chloropyrazinoate and following the other steps gives (3-amino-5-dimethylamino-6-chloropyrazinamido)guanidine, m. 221.degree. (decompn.). Replacing aminoguanidine by 1-amino-3,3-dimethylguanidine in C gives 1-(3,5-diamino-6-chloropyrazinamido)-3,3-dimethylguanidine-HCl, m. 279-80.degree. (decompn.). With these methods and using the appropriate Me 3-amino-5-NR₁R₂-substituted-6-chloropyrazinoate and the appropriate guanidine the following I ($R = Cl$, $R_5 = H$) are prepd. [R_1 , R_2 , R_3 , R_4 , and m.p. (all with decompn.) given]: H, H, Me, H, 252-4.degree.; H, H, Me, Me, - (HCl.H₂O salt m. 277.degree.); H, H, Et, Et, 265.degree.; H, H, Me, PhCH₂, - (HCl salt m. 274.5.degree.); H, H, CH₂CH₂OH, H, - (HCl salt m. 228.5-9.5.degree.); H, H, PhCH₂, H, 215-16.degree.; H, H, o-ClC₆H₄CH₂, H, 220-3.degree.; H, H, p-FC₆H₄CH₂, H, 216-19.5.degree.; H, H, p-MeC₆H₄CH₂, H, 210-12.degree.; H, H, p-MeOC₆H₄CH₂, H, 175.5-9.5.degree.; H, H, 2,5-Me₂C₆H₃CH₂, H, 220-2.degree.; H, H, PhCHMe, H, 152-60.degree.; H, H, PhCH₂-CH₂, H, 219-21.5.degree.; H, H, 3-pyridylmethyl, -H (di-HCl salt m. 280.5-3.5.degree.); H, H, H, (R_4R_5) = CH₂CH₂, 222.5-23.degree.; H, iso-Pr, Me, H, >300.degree.; H, iso-Pr, Me, Me, 238.5-40.degree.; H, iso-Pr, CH₂CH₂OH, H, -(HCl.0.5H₂O salt m. 185-6.degree.); H, iso-Pr, PhCH₂, H, 200.5-4.5.degree.; H, CH₂:CHCH₂, H, H, 213-14.degree.; H, CH₂:CHCH₂, Me, Me, 213-15.degree.; H, Bu, Me, Me, 187.5.degree.; H, cyclopropylmethyl, H, H, 220-1.5.degree.; Me, Me, H, H, 216-17.degree.; Me, Et, H, H, 229-30.degree.; Me, Pr, H, H, 214-15.degree.; Me, iso-Pr, H, H, 207-8.degree.; Me, iso-Pr, Me, Me, 209-11.degree.; Et, Et, Me, Me, 212-14.degree..

L3 ANSWER 23 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1967:37887 CAPLUS
 DN 66:37887
 TI Pyrazine diuretics. II. N-amidino-3-amino-5-substituted

6-halopyrazinecarboxamides
AU Cragoe, Edward J., Jr.; Woltersdorf, Otto W., Jr.; Bicking, John B.;
Kwong, Sara F.; Jones, James Holden
CS Div. of Merck and Co., Inc., Merck Sharp and Dohme Res. Labs., West Point,
PA, USA
SO Journal of Medicinal Chemistry (1967), 10(1), 66-75
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
IT **14236-57-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 14236-57-8 CAPLUS
CN Pyrazinecarboxamide, 3,5-diamino-6-chloro- (8CI, 9CI) (CA INDEX NAME)



GI For diagram(s), see printed CA Issue.
AB The synthesis of a series of N-amidino-3-amino-5-substituted-6-halopyrazinecarboxamides (I) is described. In rats and dogs, these compounds cause diuresis and saluresis while K excretion is unaffected or repressed. Compds. with a variety of 5 substituents including hydroxy, alkoxy, mercapto, alkylmercapto, amino, and substitute amino were prepd. The latter 2 types embrace compounds with the highest activity. Several routes for the synthesis of Me 3-amino-5,6-dichloropyrazinoate, a key intermediate, are presented. 23 references.
L3 ANSWER 24 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1965:51646 CAPLUS
DN 62:51646
OREF 62:9131f-g
TI Pteridine studies. XXIX. The methylation of 7-amino- and 4,7-diamino-pteridine
AU Brown, D. J.; Jacobsen, N. W.
CS Australian Natl. Univ., Canberra
SO Journal of the Chemical Society, Abstracts (1965), (Feb.), 1175-82
CODEN: JCSAAZ; ISSN: 0590-9791
DT Journal
LA English
IT **704-46-1**, Pyrazinecarboxamide, 5-amino-3-(methylamino)-
(prepn. of)
RN 704-46-1 CAPLUS
CN Pyrazinecarboxamide, 5-amino-3-(methylamino)- (7CI, 8CI, 9CI) (CA INDEX NAME)



GI For diagram(s), see printed CA Issue.
 AB cf. CA 62, 6487e. Methylation of 7-aminopteridine gave a mixt. of 1- and 3-Me derivs. (I and II), which were degraded for structural purposes to appropriate pyrazinecarboxaldehydes. 4,7-Diaminopteridine gave only 4(7)-amino-1,7(1,4)-dihydro-7(4)-imino-1-methylpteridine, the first iminopteridine to be isolated as a stable solid (free base). Remethylation of this (free) imine gave a 4-methylimino derivative which was a unique example of direct extranuclear N-methylation in this series. The degradation of the imines and the unambiguous syntheses of the products via 5-cyanomethylaminopyrimidines were described. Ionization consts. and uv spectra of the pteridines and other relevant compds. were recorded and discussed.

L3 ANSWER 25 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1963:82406 CAPLUS

DN 58:82406

OREF 58:14196d-f

TI Optical and chemical bleaching

PA J. R. Geigy A.-G.

SO 15 pp.

DT Patent

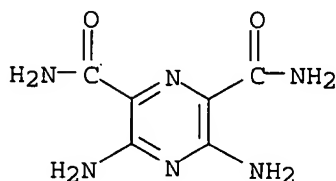
LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 622465		19630314	BE	
				CH	19610915
	CH 371427			CH	

IT **39870-66-1**, 2,6-Pyrazinedicarboxamide, 3,5-diamino-
 (derivs., acrylonitrile-polymer fiber bleaching with, after chem.
 bleaching)

RN 39870-66-1 CAPLUS

CN 2,6-Pyrazinedicarboxamide, 3,5-diamino- (9CI) (CA INDEX NAME)



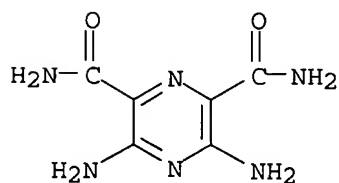
GI For diagram(s), see printed CA Issue.

AB Cellulosic materials and acrylonitrile copolymers are blued and bleached in baths contg. a H2O-sol. salt of HClO2, H2O2 or a salt of a peracid, and a bluing agent, such as a triazinylaminostilbene, phenylpyrazoline, aminocoumarin, or an aminopyrazine. Thus, 100 kg. polyacrylonitrile is placed in a bath contg. 2 g. 80% NaClO2 and 2 g. oxalic acid/l. The bath is heated at 85.degree. for 16 min., 5 ml. 30% H2O2/l. is added, and the bleaching is continued for 15 min. The bath is cooled to 60.degree., and

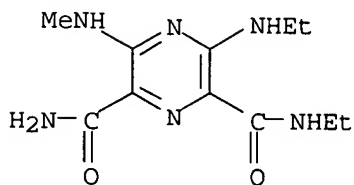
0.1% (by wt. of material) I and 1% polyglycol ether of a fatty alc. are added. The material is treated at 60.degree. for 15 min. and the bath is heated to 95.degree. in 30 min. and kept at 90.degree. for 45 min. The bath is slowly cooled to 60.degree., and the material is rinsed and dried to give a polyacrylonitrile with a bright bluing effect. Nylon 66 was similarly treated.

L3 ANSWER 26 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1963:53333 CAPLUS
 DN 58:53333
 OREF 58:9094g-h,9095a-g
 TI 3,5-Diaminopyrazine-2,6-dicarboxamides
 IN Daglish, Anthony F.; Vonderwahl, R.; Tillotson, G. A.
 PA J. R. Geigy A.-G.
 SO 8 pp.
 DT Patent
 LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1087609		19600825	DE	
	CH 358807			CH	19570529
	CH 358808			CH	
	US 3043780		1962	US	
	US 3175980		1965	US	
	US 3201315		1965	US	
IT	39870-66-1, 2,6-Pyrazinedicarboxamide, 3,5-diamino-(derivs.)				
RN	39870-66-1 CAPLUS				
CN	2,6-Pyrazinedicarboxamide, 3,5-diamino- (9CI) (CA INDEX NAME)				



IT 94784-95-9, 2,6-Pyrazinedicarboxamide, N2-ethyl-3-(ethylamino)-5-(methylamino)-
 (prepn. of)
 RN 94784-95-9 CAPLUS
 CN 2,6-Pyrazinedicarboxamide, N2-ethyl-3-(ethylamino)-5-(methylamino)- (7CI)
 (CA INDEX NAME)



GI For diagram(s), see printed CA Issue.
 AB 1,3-Diethyl-4-amino-5-nitrosouracil (I) 212 and 1,3-diethyl-4-aminouracil

183 in AcOH 750 refluxed 3 hrs. with stirring, cooled, and filtered yielded 3,2;5,6-bis[(1,3-diethyl-2,4-dioxo-1,2,3,4-tetrahydro)-1,4-pyrimidino] pyrazine 320 parts (II), m. 235.5-36.degree. (75% AcOH). II 10, EtOH 200 parts, and N NaOH 300 vol. parts. refluxed 2.5 hrs., cooled, and filtered gave 3,5-bis(ethylamino)pyrazine-2,6-bis(N-ethylcarboxamide) 7.5 parts, m. 133-4.degree. (EtOH). In the same manner as II were prepd. the following IV (R1, R2, R3, R4 and m.p. given): Pr, Pr, Pr, Pr, 150-1.degree.; Bu, Bu, Bu, Bu (V), 115-16.degree.; Me, Me, Me, Me (VI), 390.degree.. Sapon. of IV gave the corresponding VII (R1, R2, R3, R4, and m.p. given): Pr, Pr, Pr, Pr, 96-7.degree.; Bu, Bu, Bu, Bu, 89-91.degree.; Me, Me, Me, Me (VIIa), 232-3.degree.. I 42 and 1,3-dipropyl-4-aminouracil 42 in AcOH 150 refluxed 3 hrs. with stirring, cooled, dild. with H2O, and filtered gave IV (R1 = R2 = Et, R3 = R4 = Pr) 70 parts, m. 150-1.degree. (EtOH); a portion 10 sapond. in the usual manner gave VII (R1 = R2 = Et, R3 = R4 = Pr) 7.2 parts, m. 91-2.degree.. In the same manner were prepd. IV (R1 = R2 = Me, R3 = R4 = Pr), m. 169-9.5.degree., and IV(R1 = R2 = Me, R3 = R4 = Et) (VIII), m. 253-4.degree., and sapond. to VII (R1 = R2 = Me, R3 = R4 = Pr), m. 136-7.degree. and VII (R1 = R2 = Me, R3 = R4 = Pr), m. 169-70.degree., resp. 1,3-Dimethyl-4-aminouracil (IX) 31 and 5-NO deriv. 40 of IX in AcOH 200 refluxed 3 hrs. gave VI 51 parts, m. 390.degree. (75% EtOH). VI 51 and a soln. 152 of KOH 200 in EtOH 2400 refluxed 6 hrs. yielded VIIa.0.5H2O 117 parts, m. 214.degree. (decompn.). VIIa.0.5H2O 20 and SOCl2 150 kept 45 min. at room temp. and evapd., the residue added slowly with cooling to PhNH2 10 and dry C5H5N 400 parts, stirred overnight, steam distd. to remove the C5H5N, and filtered yielded X (R1 = R2 = R3 = Me, R4 = NHPH), light yellow crystals, m. 198-8.5.degree. (EtOH). Similarly were prepd. the following X with R1 = R2 = R3 = Me) (R4, m.p., and color of fluorescence given): NH2, 290-2.degree., violet blue; NHCH2CH2OH, 210-10.5.degree., violet-blue; NHPr, 218-19.degree., violet-blue; NHET, 197-8.5.degree., violet-blue; NHCH2Ph, 218.5-20.degree., blue-violet; NHCH2CH2Ph, 76-8.degree., blue-violet; m-NHC6H4-OMe, 126.5-27.degree., blue; NHBu, 194-6.degree., violet-blue; p-NHC6H4OPh, 252-4.degree., blue; NHCH2CH:CH2, 194-5.5.degree., violet-blue; NHC8H17, 121-21.5.degree., violet-blue; PhNH, 237-8.degree., blue-violet; NMe2, 128-9.degree., violet; NHCHETMe, 188-90.degree., violet-blue; 2-pyridylamino, 223-4.degree., blue-violet; NHCMe3, 204-5.degree., violet-blue; p-NHC6H4Me, 211-12.5.degree., blue-violet; o-NHC6H4Me, 194-5.degree., blue-violet; m-NHC6H4Me, 172-3.degree., blue-violet; p-ClC6H4NH, 261-2.5.degree., blue-violet; m-ClC6H4NH, 185-7.degree., blue-violet; 3,4-Cl2C6H3NH, 216-17.degree., violet-blue; m-HO2CC6H4NH, 268-70.degree.; m-HO3SC6H4NH, -, violet-blue; p-HO3SC6H4NH, -, violet-blue; m-(p-MeC6NH4SO2NH)C6H4NH, 226-7.degree. violet-blue; m-H2NO2SC6H4NH, 234-6.degree., violet-blue; morpholino, 155-6.degree., violet-blue; NHCHMe2, 175-7.degree., violet-blue; NH(CH2)3OH, 147-9.degree., violet blue; 3-pyridylamino, 209-11.degree., blue-violet; 3,4-dimethyl-1-phenylpyrazolylamino, 267-9.degree., blue-violet; 2-thiazolylamino, 262-3.degree., blue-violet; 1-phenyl-3-pyrazolylamino, 236-8.degree., blue-violet; 6-quinolylamino, 232-4.degree., blue-violet; NHCONHPh, 233-4.degree., blue; NHCONHCH2Ph, 190-1.degree., violet-blue; NHCONHMe, 215-17.degree., violet-blue. Similarly were prepd. the following XII (R1, R2, R3, and m.p. given): PhCH2, PhCH2, PhCH2, 161-2.degree.; Et, Et, Et (XIII), 174-5.degree.. XIII was converted in the usual manner to the anilide, m. 146.5-7.5.degree., and to the N-(2-pyridyl)amide, m. 108-9.degree.. VIII 57, KOH 45, and EtOH 500 refluxed 6 hrs. and evapd., and the residue acidified with dil. HCl gave XII (R1 = R2 = Et, R3 = Me) (XIV) 43 parts, m 160-2.degree.. XIV 20 treated 45 min. with SOCl2 100 and evapd., and the residue stirred overnight with concd. NH4OH 300 and EtOH 100 and filtered gave amide of

XIV 16 parts, m. 223-4.degree. (EtOH). Similarly were prepd. the N-Et, N-Pr, and N-PhCH₂ amides, m. 162-4.degree., 84-6.degree., and 87-9.degree., resp., of XIV. VI 10 and PhCH₂NH₂ 300 refluxed 24 hrs., cooled, dild. with H₂O, and filtered yielded 3,2-[(1,3-dimethyl-2,4-dioxo-1,2,3,4-tetrahydro)-1,4-pyrimidino]-5-methylamino-6 - (Ar. benzylcarboxamido)pyrazine 9 parts, m. 204-5.degree. (EtOH). 1,3-Dibutyl-4-aminouracil (XV) 48 and 5-NO deriv. 54 of XV in 2N H₂SO₄ 300 refluxed 3 hrs. with stirring, cooled, and filtered, and the residue in EtOH 1200 refluxed 2 hrs. with N NaHCO₃ 1800 and filtered gave V 66 parts, needles, m. 115-16.degree. (EtOH).

L3 ANSWER 27 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1961:147221 CAPLUS

DN 55:147221

OREF 55:27906b-i

TI Optical bleaching agents

IN Daglish, Anthony Fenwick; Vonderwahl, Rodolphe; Tillotson, George A.

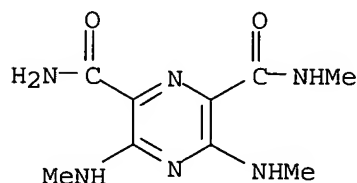
PA J. R. Geigy Akt.-Ges.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1102695		19610323	DE	
	GB 892234			GB	
	US 3017412		1962	US	
IT	100144-24-9 , 2,6-Pyrazinedicarboxamide, N-methyl-3,5-bis(methylamino)- (prepn. of)				
RN	100144-24-9	CAPLUS			
CN	2,6-Pyrazinedicarboxamide, N-methyl-3,5-bis(methylamino)- (6CI) (CA INDEX NAME)				



AB N-Substituted amides (I) of 3,5-bis(methylamino)-2-(N-methylcarbamoyl)-6-pyrazinecarboxylic acid fluoresce violet-blue, blue to green-blue in ultraviolet light are, therefore, useful optical bleaching agents for textiles, cosmetic preps., and polymers. Poly(vinyl chloride) powder 67, dioctyl phthalate 33, Bu₂Sn dilaurate 2, and Na pentaoctyl tripolyphosphate 0.3 mixed during 15 min. with bis(methylamide) (II) 0.07 part, m. 232-3.degree., of 3,5-bis(methylamino)pyrazine-2,6-dicarboxylic acid (III) and extruded into films gave whiter products than obtained without II; opaque, white films are obtained by the addn. of TiO₂ 7 parts. 3,5-Bis(propylamino)pyrazine-2,6-dicarboxylic acid bis(propylamide) 0.05 and dry granular high-pressure polyethylene 100 parts mixed at room temp. and extruded at 120-30.degree. into a tube gave a much whiter product than without the brightener; opaque products are obtained by the further addn. of TiO₂. Bis(ethylamide) 0.2 of the 3,5-bis(ethylamino) analog of III, o-C₆H₄(CO₂Et)₂ 25, acetylcellulose 75, and Me₂CO 900 poured onto glass plates and evapd. gave transparent films which are much more brilliant

than without the agent; opaque films are obtained by the addn. of TiO₂. II 0.1 in cetyl alc. 25 homogenized with paraffin oil 55, bleached beeswax, and lanolin 10 parts gave a brilliant white fatty skin cream. Pale yellowish polyamide textile 50 washed 0.5 hr. at 70.degree. in H₂O 2500 contg. dodecylbenzenesulfonate 6.3 and 3-propylamino-5-methylamino-2-propylcarbamoylpyrazine-6-carboxylic acid methylamide (IV) 0.005 parts, m. 136-7.degree., rinsed, and dried in air gave the textile a much brighter appearance. 3-Methylamino-5-ethylamino-2-(N-methylcarbamoyl)-6-(N-ethylcarbamoyl)pyrazine, m. 169-70.degree., and 3-propylamino-5-ethylamino-2-(N-propylcarbamoyl)-5-(N-ethylcarbamoyl)pyrazine (V), m. 91-2.degree., gave similar results. V 0.03 in HCONMe₂ 30 added with stirring to a paste of Na dodecanesulfonate-dodecylbenzenesulfonate detergent 100 and H₂O 220 parts, mixed, and dried at 50-60.degree. gave a white detergent. The following I (N-substituent, m.p., and fluorescence color given) are useful optical bleaching agents: none, 290-2.degree., violet-blue; HOCH₂CH₂, 210-10.5.degree., violet-blue; Pr, 218-19.degree., violet-blue; Et, 197-8.5.degree., violet-blue; PhCH₂, 218.5-20.degree., blue-violet; PhCH₂CH₂, 76-8.degree., blue-violet; m-MeOC₆H₄, 126.5-27.degree., blue; Bu, 194-6.degree., violet-blue; p-PhOC₆H₄, 252-4.degree., blue; CH₂:CHCH₂, 194-5.5.degree., violet-blue; C₈H₁₇, 121-1.5.degree., violet-blue; cyclohexyl, 237-8.degree., blue-violet; di-Me, 128-9.degree., violet; Me, Et, 188-90.degree., violet-blue; 2-pyridyl, 223-4.degree., blue-violet; Me₃C, 204-5.degree., violet-blue; p-MeC₆H₄, 211-12.5.degree., blue-violet; o-MeC₆H₄, 194-5.degree., blue-violet; m-MeC₆H₄, 172-3.degree., blue-violet; p-ClC₆H₄, 261-2.5.degree., blue-violet; m-ClC₆H₄, 186-7.degree., blue-violet; 3,4-Cl₂C₆H₃, 216-17.degree., violet-blue; m-HO₂CC₆H₄, 268-70.degree., violet-blue; m-HO₃SC₆H₄, -, violet-blue; p-HO₃SC₆H₄, -, violet-blue; m-(p-MeC₆H₄SO₂NH)C₆H₄, 226-7.degree., violet-blue; m-H₂NO₂SC₆H₄, 234-6.degree., violet-blue; iso-Pr, 175-7.degree., violet-blue; 3-pyridyl, 209-11.degree., blue-violet; 1-phenyl-3,4-dimethyl-5-pyrazolyl, 267-9.degree., blue-violet; 2-thiazolyl, 234-6.degree., blue-violet; 5-methyl-2-thiazolyl, 262-3.degree., blue-violet; 1-phenyl-3-pyrazolyl, 236-8.degree., blue-violet; 6-quinolyl, 232-4.degree., blue-violet; PhNHCO, 233-4.degree., blue; PhCH₂NHCO, 190-1.degree., violet-blue; MeNHCO, 215-17.degree., violet-blue; and the morpholide analog, 155-6.degree., violet-blue. Similarly, for the 3,5-bis(ethylamino)-2-ethylcarbamoyl analog of I:Ph, 146.5-7.5.degree., -; and 2 pyridyl, 108-9.degree., -.

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

141.00

289.36

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

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-17.58

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NEWS	5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	6	Feb 26	PCTFULL now contains images
NEWS	7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
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NEWS	9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	10	Apr 11	Display formats in DGENE enhanced
NEWS	11	Apr 14	MEDLINE Reload
NEWS	12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS	14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	15	Apr 28	RDISCLOSURE now available on STN
NEWS	16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	18	May 15	Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS	19	May 19	Simultaneous left and right truncation added to WSCA
NEWS	20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS	21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS	22	Jun 06	PASCAL enhanced with additional data
NEWS	23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS	24	Jun 25	HSDB has been reloaded
NEWS	25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS	26	Jul 21	Identification of STN records implemented
NEWS	27	Jul 21	Polymer class term count added to REGISTRY
NEWS	28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS	29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS	30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS	31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS	32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS	33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS	34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS	35	AUG 18	Data available for download as a PDF in RDISCLOSURE

NEWS 36 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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=> file reg

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FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:50:11 ON 29 AUG 2003

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STRUCTURE FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

DICTIONARY FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

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Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 10:50:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 11 TO ITERATE

100.0% PROCESSED 11 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> file marpat

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148.15

148.36

FILE 'MARPAT' ENTERED AT 10:50:48 ON 29 AUG 2003

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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS08) (20030822ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6596259 22 JUL 2003

DE 20300703 31 JUL 2003

EP 1331259 30 JUL 2003

JP 2003207510 25 JUL 2003

WO 2003061387 31 JUL 2003

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s l1 sss full

FULL SEARCH INITIATED 10:50:56 FILE 'MARPAT'

FULL SCREEN SEARCH COMPLETED - 13212 TO ITERATE

7.4% PROCESSED 982 ITERATIONS

0 ANSWERS

16.1% PROCESSED 2129 ITERATIONS (3 INCOMPLETE)

4 ANSWERS

26.4% PROCESSED 3494 ITERATIONS (13 INCOMPLETE)

15 ANSWERS

41.5% PROCESSED 5481 ITERATIONS (26 INCOMPLETE)

32 ANSWERS

61.9% PROCESSED 8172 ITERATIONS (46 INCOMPLETE)

53 ANSWERS

67.9% PROCESSED	8972 ITERATIONS	(	51 INCOMPLETE)	59 ANSWERS
74.0% PROCESSED	9778 ITERATIONS	(	58 INCOMPLETE)	66 ANSWERS
82.3% PROCESSED	10871 ITERATIONS	(	65 INCOMPLETE)	76 ANSWERS
87.5% PROCESSED	11560 ITERATIONS	(	75 INCOMPLETE)	87 ANSWERS
90.3% PROCESSED	11925 ITERATIONS	(	78 INCOMPLETE)	90 ANSWERS
92.5% PROCESSED	12225 ITERATIONS	(	86 INCOMPLETE)	98 ANSWERS
94.1% PROCESSED	12430 ITERATIONS	(	91 INCOMPLETE)	103 ANSWERS
95.6% PROCESSED	12626 ITERATIONS	(	95 INCOMPLETE)	107 ANSWERS
97.2% PROCESSED	12844 ITERATIONS	(	96 INCOMPLETE)	108 ANSWERS
97.9% PROCESSED	12932 ITERATIONS	(	99 INCOMPLETE)	111 ANSWERS
98.6% PROCESSED	13027 ITERATIONS	(	99 INCOMPLETE)	111 ANSWERS
99.3% PROCESSED	13116 ITERATIONS	(102 INCOMPLETE)	114 ANSWERS
99.6% PROCESSED	13157 ITERATIONS	(103 INCOMPLETE)	115 ANSWERS
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99.7% PROCESSED	13168 ITERATIONS	(104 INCOMPLETE)	116 ANSWERS
99.7% PROCESSED	13168 ITERATIONS	(104 INCOMPLETE)	116 ANSWERS
99.8% PROCESSED	13180 ITERATIONS	(	104 INCOMPLETE)	116 ANSWERS
100.0% PROCESSED	13212 ITERATIONS	(	104 INCOMPLETE)	116 ANSWERS

SEARCH TIME: 00.07.45

L3 116 SEA SSS FUL L1

=> s L3 and Syk

L4 0 L3 AND SYK

=> file caplus

COST IN U.S. DOLLARS

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FILE COVERS 1907 - 29 Aug 2003 VOL 139 ISS 10
FILE LAST UPDATED: 28 Aug 2003 (20030828/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L5 116 L3

=> s l5 and syk

L6 1 L5 AND SYK

=> d l6 fbib hitstr abs total

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:881124 CAPLUS

DN 134:42141

TI Preparation of novel heterocyclic carboxamide derivatives as spleen tyrosine kinase inhibitors

IN Hisamichi, Hiroyuki; Kawazoe, Souichirou; Tanabe, Kazuhito; Ichikawa, Atsushi; Orita, Akiko; Suzuki, Takayuki; Onda, Kenichi; Takeuchi, Makoto

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 36 pp.

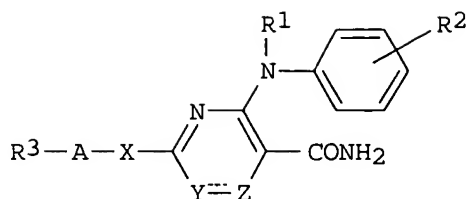
CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000075113	A1	20001214	WO 2000-JP3767	20000609
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				JP 1999-162692 A	19990609
	JP 2001055378	A2	20010227	JP 2000-171185	20000607
				JP 1999-162692 A	19990609
	EP 1184376	A1	20020306	EP 2000-935619	20000609
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
				JP 1999-162692 A	19990609
				WO 2000-JP3767 W	20000609
OS	MARPAT 134:42141				
GI					



AB Nitrogenous six-membered heterocycle compds. bearing as the substituents -X-A-R3, -N-(R1)-(R2-substituted Ph) and -CONH2 [I; wherein A = (substituted) lower alkylene, (substituted) (hetero)arylene, cycloalkylene; X = NR4, CONR4, NR4CO, O, S; the dotted line between Y and Z represents the presence of a bond (Y:Z) or the absence of a bond (Y-Z); Y-Z = NR5-CO, CO-NR5, NR5-NR5, CO-CO; Y:Z = N:CR1, CR7:N, N:N, CR7:CR7; R4 = each H, lower alkyl, -CO-lower alkyl, or -SO2-lower alkyl; R2 = H, (halo-substituted) lower alkyl, -O-lower alkyl, -S-lower alkyl, -O-aryl, nitro, cyano, or the like; R3 = -CO2H, -CO2-lower alkyl, -lower alkylene-CO2H, -NH2, -alkylene-NH2, or the like; R5 = H, lower alkyl; R6 = lower alkyl, OH, -O-lower alkyl, -O-(substituted) aryl, -O-lower alkylene-(substituted) aryl, -NR1-(substituted) aryl, -CO-lower alkyl-(substituted) aryl; R7 = H, R6] salts or prodrugs thereof are prepd. Also claimed are spleen tyrosine kinase (**Syk**) inhibitors contg. the compds. I or the salts or the prodrugs thereof as the active ingredient. The compds. I are useful for the prevention or treatment of allergies, inflammations, autoimmune diseases, cancers, transplant rejection, graft-vs.-host diseases, and thrombosis. Thus, 2.76 mL cis-1,2-cyclohexanediamine was added to a mixt. of 605 mg 6-chloro-2-(3-methylanilino)pyridine-3-carboxamide and 10 mL MeCN and refluxed for 5 days to give 230 mg 6-(cis-2-aminohexylamino)-2-(3-methylanilino)pyrazine-3-carboxamide (II). II showed IC50 of .ltoreq.0.05 .mu.M against **Syk**, good inhibition against passive cutaneous anaphylaxis (PCA) in mice sensitized by anti-dinitrophenyl-IgE (DNP-IgE), and IC50 of .ltoreq.0.1 .mu.M against serotonin release according to the assay described by Collado-Escobar (J. Immunol. 144, 1990).

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 10:49:56 ON 29 AUG 2003)

FILE 'REGISTRY' ENTERED AT 10:50:11 ON 29 AUG 2003

L1 STRUCTURE UPLOADED

L2 0 S L1 SSS FULL

FILE 'MARPAT' ENTERED AT 10:50:48 ON 29 AUG 2003

L3 116 S L1 SSS FULL

L4 0 S L3 AND SYK

FILE 'CAPLUS' ENTERED AT 11:03:45 ON 29 AUG 2003

L5 116 S L3

L6 1 S L5 AND SYK

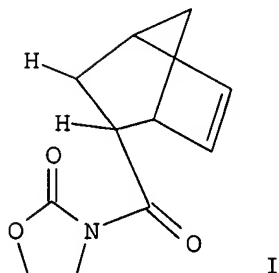
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L5 ANSWER 1 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2003:376725 CAPLUS
 DN **138:387140**
 TI Heterogeneous Diels-Alder reaction zeolitic catalysts
 IN Caplan, Neil Aubrey; Hancock, Frederick Ernest
 PA Johnson Matthey PLC, UK
 SO PCT Int. Appl., 23 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003039746	A1	20030515	WO 2002-GB4928	20021031
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

GB 2001-26935 A 20011109

OS MARPAT 138:387140
 GI

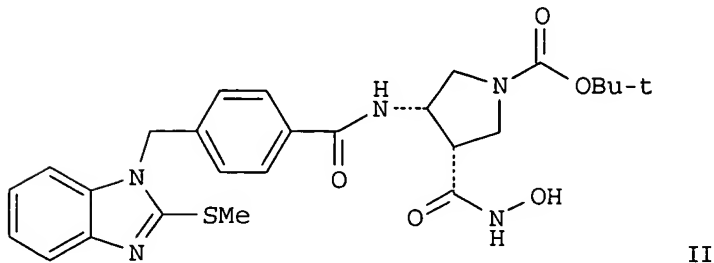
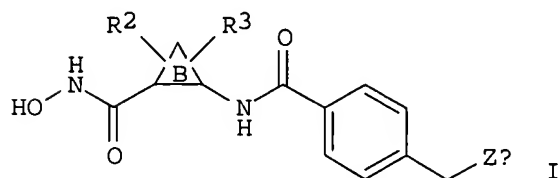


AB A process for performing a catalytic Diels-Alder reaction by reacting a diene with a dienophile in the presence of a heterogeneous catalyst comprising a zeolitic material exchanged or impregnated with ions of a Lewis acidic metal is described. The catalyst, for example, copper-exchanged zeolite Y, may be treated with chiral bis(imine) compds. to direct the chirality of the reaction products. The catalyst can be sepd. from the reaction mixt. and re-used in further Diels Alder reactions. Thus, 0.025 g acrylimide(3-(2-propenoyl)-2-oxazolidinone) in 4.0 mL DCM and 0.90 g freshly distd. cyclopentadiene were agitated at -78.degree. for 3 h in the presence of copper-exchanged zeolite Y and 2,2'-isopropyldiene bis[4(S)-4-tert-butyl-2-oxazoline] to give the desired product (I).

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2003:242278 CAPLUS
 DN **138:271682**
 TI Preparation of cyclic hydroxamic acids as inhibitors of matrix metalloproteinases and/or TNF- α . converting enzyme for treatment of inflammatory disorders
 IN Ott, Gregory; Chen, Xiao-Tao; Duan, Jingwu; Lu, Zhonghui
 PA Bristol-Myers Squibb Company, USA
 SO PCT Int. Appl., 344, pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003024899	A2	20030327	WO 2002-US29685	20020916
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003139388	A1	20030724	US 2001-322630PP	20010917
				US 2002-244626	20020916
				US 2001-322630PP	20010917
OS	MARPAT 138:271682				
GI					



AB Title compds. I [wherein ring B = (un)substituted 4-7 membered (hetero)cyclic ring contg. 0-2 O, N, NR1, or SOp atoms and 0-3 carbonyl groups; R1 and R2 = independently Q, alk(en/yn)ylene-Q, or (un)substituted

alkylene-Q interrupted by O, NRa, CO, CO₂, CONRa, NRaCO, NRaCO₂, NRaCONRa, SOp, NRaSO₂, or SO₂NRa; or R₁ = (un)substituted alkylene-Q interrupted by OCO, OCO₂, or OCONRa; Q = H or (un)substituted (hetero)cyclyl; R₃ = Q₁, Cl, F, alk(en/yn)ylene-Q₁, or (un)substituted alkylene-Q₁ interrupted by O, NR₁, NRaCO, CONRa, CO, CO₂, SOp, or SO₂NRa; Q₁ = H or (un)substituted Ph, naphthyl, or heterocyclyl; Za = (un)substituted benzimidazolyl, indolyl, imidazopyridinyl, pyrazolylpyridinyl, benzofuranyl, benzothiazinyl, quinolinyl, etc.; Ra = independently H, alkyl, Ph, or benzyl; p = 0-2; or stereoisomers or pharmaceutically acceptable salts thereof] were prepd. as inhibitors of matrix metalloproteinases (MMP), TNF- α converting enzyme (TACE), aggrecanase, or a combination thereof. For example, reaction of benzyl Me maleate with paraformaldehyde and glycine gave benzyl Me (cis)-3,4-pyrrolidinedicarboxylate (100%). BOC-protection (64%), debenzilation (96%), resolu. of the (3S,4S)-isomer with (S)-.alpha.-methylbenzylamine, conversion to the carbamate with DPPA and PhCH₂OH (76%), and Pd catalyzed hydrogenation (100%) provided Me (3S,4S)-4-amino-1-(tert-butoxycarbonyl)-3-pyrrolidinecarboxylate. Coupling of the amine with 4-[(2-methylthio-1H-benzimidazol-1-yl)methyl]benzoic acid (prepn. given) afforded the amide (99%), which was treated with NH₂OH.bul.HCl/MeONa to give the hydroxamic acid (3S,4S)-II (33%). A no. of the compds. of the invention inhibited MMP-1, 2, 3, 7, 8, 9, 10, 12, 13, 14, 15, and/or 16 with K_i values of .ltoreq. 10 .mu.M. Thus, I are useful for the treatment of a wide variety of inflammatory disorders (no data).

L5 ANSWER 3 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:202622 CAPLUS

DN 138:238028

TI Preparation of substituted indeno[1,2-c]isoquinoline derivatives for the treatment of inflammatory disease or reperfusion disease

IN Jagtap, Prakash G.; Baloglu, Erkan; Van Duzer, John H.; Szabo, Csaba; Salzman, Andrew L.

PA Inotek Pharmaceuticals Corporation, USA

SO PCT Int. Appl., 52 pp.

CODEN: PIXXD2

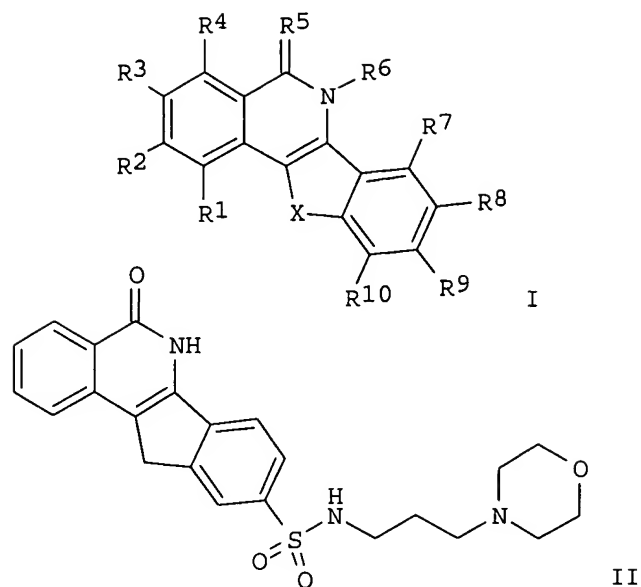
DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003020700	A2	20030313	WO 2002-US27585	20020830
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003096833	A1	20030522	US 2001-944524 A	20010831
MARPAT 138:238028			US 2001-944524	20010831

OS
GI



AB Novel indeno[1,2-c]isoquinoline derivs. of formula I [X = CO, CH₂, CH(halo), O, NH, S, etc.; R₁-R₄, R₇-R₁₀ = H, halo, OH, alkoxy, aryl, NH₂, etc.; R₅ = O, NH, S; R₆ = H, alkyl] are prepd. for treating or preventing inflammatory disease or reperfusion disease. Thus, II was prepd. and inhibited poly(ADP-ribose) synthase 84% at 300nM.

L5 ANSWER 4 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:154238 CAPLUS

DN **138:204941**

TI Preparation of indol-5-ylureas and relate compounds for the treatment of obesity and type II diabetes

IN Schwink, Lothar; Stengelin, Siegfried; Gossel, Matthias

PA Aventis Pharma Deutschland G.m.b.H., Germany

SO PCT Int. Appl., 77 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003015769	A1	20030227	WO 2002-EP8686	20020803
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

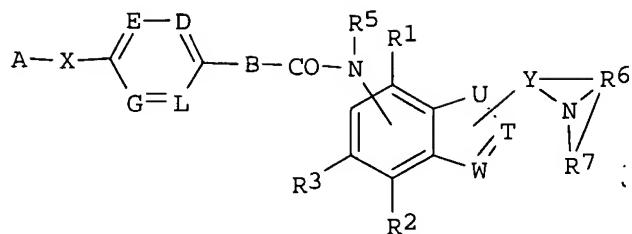
DE 2001-10139416A 20010817

DE 2001-10139416 20010817

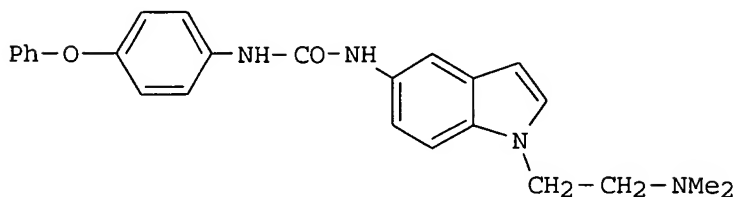
DE 10139416 A1 20030306

OS MARPAT 138:204941

GI



I



II

AB Title compds. I [A = alkyl, alkylen-aryl (sic), mono or bicyclic ring; X = CR8R9, C(OR10)R11, O, etc.; R8, R9, R10, R11 = H, alkyl; D = N, CR41; E = N, CR42; G = N, CR43; L = N, CR44; R1, R2, R3, R41, R42, R43, R44 = H, halo, OH, etc.; B = O, NR24; R24 = H, alkyl; R5 = H, alkyl; W = N, CR25; R25 = H, alkyl aryl, bond to Y; T = N, CR26; R26 = H, alkyl, aryl, etc.; U = O, S, NR27; R27 = H, alkyl, bond to Y; Y = substituted alkylene, e.g. O, S, SO, etc.; R6, R7 = H, alkyl, cycloalkyl, etc.] and their pharmaceutically acceptable salts were prepd. For example, three component coupling of 1-dimethylaminoethyl-5-aminoindole, carbonyldimidazol and 4-aminodiphenylether provided indolylurea II. In human melanin-concg. hormone receptor assays, 41-specific examples of compds. I exhibited IC50 values ranging from 4.25-0.10 .mu.M, e.g., indolylurea II IC50 = 0.15 .mu.M. Compds. I are said useful as anorexic agents.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:888554 CAPLUS

DN 137:384751

TI 7,8-Fused 4(H)-chromenes as activators of caspases and inducers of apoptosis

IN Cai, Sui Xiong; Xu, Lifan; Storer, Richard; Attardo, Giorgio

PA Cytovia, Inc., USA

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

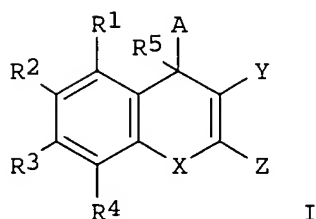
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002092083	A1	20021121	WO 2002-US15398	20020516
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GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2001-290976PP 20010516

OS MARPAT 137:384751

GI



AB Title compds. I [X = O, S, (un)substituted NH; Y = CN, (un)substituted CHO, CO₂H, CONH₂; Z = (un)substituted NH₂; R₁, R₂ = H, halo, haloalkyl, aryl, carbocyclic, heterocyclic, heteroaryl, (un)substituted alkyl, alkenyl, alkynyl, NH₂, NO₂, CN, OH, SH, acyloxy, N₃, alkoxy, CO₂H, OCH₂O, carbamoyl, alkylthio; R₃R₄ = atoms required to complete a thiazole, oxazole, 2-iminoimidazole, 2-oxo-2,1,3-thiadiazole, 2-oxothiazole, 2-oxooxazole, 2-thioxooxazole, 2-thioxoimidazole, 2-thioxothiazole, imidazoline, oxazoline, thiazoline, triazole, oxazine, 2,3-dioxoxazine, or piperazine ring; R₅ = H, alkyl; A = (un)substituted aryl, heteroaryl, carbocyclic, heterocyclic, aralkyl] were prep'd. for use as activators of caspases and inducers of apoptosis. Therefore, they can be used to induce cell death in a variety of clin. conditions in which uncontrolled growth and spread of abnormal cells occurs. Thus, 2-amino-3-cyano-4-(3-bromo-4,5-dimethoxyphenyl)-7-hydroxy-8-amino-4H-chromene was treated with carbonyldiimidazole to give I [X = O, Y = CN, Z = NH₂, A = 3,4,5-Br(MeO)₂C₆H₂, R₁, R₂, R₅ = H, R₃R₄ = OC(O)NH] which had EC₅₀ against T-47D and ZR-75-1 cell lines of 566.6 and 365.6 nM resp.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:814122 CAPLUS

DN **137:326554**

TI Pyrazole azo dyes, their production and coupling agents therefor

IN Fujiwara, Toshiki; Hanaki, Naoyuki; Tanaka, Shigeaki; Omatsu, Tadashi; Yabuki, Yoshiharu

PA Fuji Photo Film Co., Ltd., Japan

SO PCT Int. Appl., 137 pp.

CODEN: PIXXD2

DT Patent

LA English

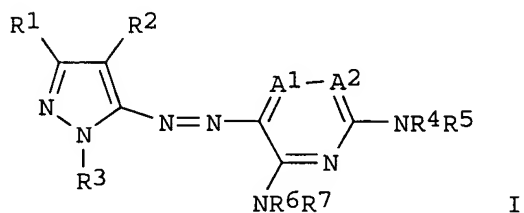
FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI WO 2002083662 A2 20021024 WO 2002-JP3491 20020408
 WO 2002083662 A3 20030306
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
 LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
 UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
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 JP 2001-110458 A 20010409
 JP 2001-126239 A 20010424
 JP 2002-12108 A 20020121
 JP 2001-126239 20010424
 JP 2002-12108 20020121
 JP 2001-110458 A 20010409
 OS MARPAT 137:326554
 GI



AB Aminopyrazole diazo component-based azo dyes (I; A1, A2 = N, optionally substituted -CH=; R1 = H, org. group; R2 = H, halogen, CN; R3 = H, org. group; R4, R5, R6, R7 = H, org. group, carboxy, sulfo, carbamoyl) are obtained from novel diamino heterocyclic coupling components. I are suitable for image formation and recording and have excellent ozone resistance. In an example, 5-amino-3-tert-butyl-4-cyanopyrazole was diazotized and coupled with 3-cyano-4-methyl-2,6-bis(p-octylanilino)pyridine and the product was condensed with 2-chlorobenzothiazole to give a dye (λ_{max} 545 nm in DMF).

L5 ANSWER 7 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:793609 CAPLUS

DN 137:310927

TI Preparation of pyrimidinyl-amido-aryl(thio)oxy carboxylic acids as hypolipidemic agents

IN Iqbal, Javed; Gurram, Ranga Madhavan; Das, Saibal Kumar; Bhuniya, Debnath; Chakrabarti, Ranjan; Ramanujam, Rajagopalan

PA Reddy's Laboratories Ltd., India

SO PCT Int. Appl., 147 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002081454	A1	20021017	WO 2002-IB1104	20020408

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2003013729

A1

20030116

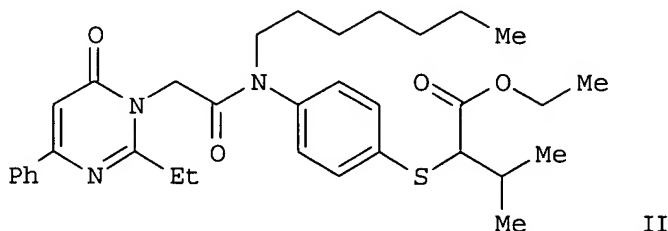
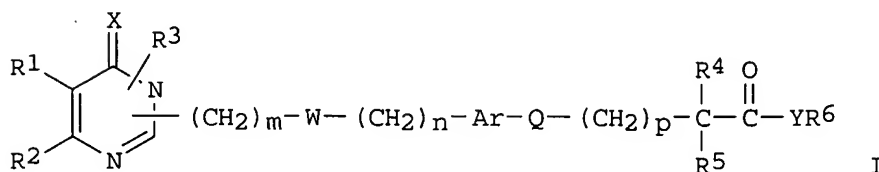
IN 2001-MA301 A 20010409

US 2002-119300 20020408

IN 2001-MA301 A 20010409

OS MARPAT 137:310927

GI



AB Title compds. I [X = O, S; R1-3 = H, halo, OH, NO2, CN, CHO, etc.; R3 when attached to nitrogen atom = H, OH, CHO, etc.; W = O, S, amino, C(O), OCO, etc.; m, n = 0-4; Ar = divalent single or fused arom. or heterocyclic group; R4-5 = H, OH, alkoxy, halo, etc.; R6 = H, alkyl, cycloalkyl, etc.; Y = O, NR8; R8 = H, alkyl, aryl, etc.; R6, R8 together may form a (un)substituted 5-6-membered (hetero)cycle; Q = O, S, SO, SO2, etc.; p = 0-1] were prepd. For instance, 2-(2-ethyl-6-oxo-4-phenyl-1,6-dihydro-1-pyrimidinyl)acetic acid and Et 3-methyl-2-(4-heptylaminothiophenylthio)butanoate (prepn. of starting materials given) were coupled (CH2Cl2, DIC, HOBT) to afford II. Selected example compds. at 3 mg/kg (mice) orally reduced triglycerides in mice by 36-44%. I are useful for the treatment of, e.g., obesity.

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 8 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:754376 CAPLUS

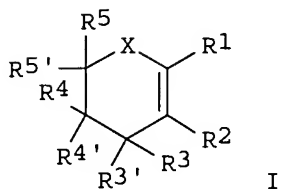
DN 137:279419

TI Preparation of neuraminic acids and analogs useful for inhibiting
 paramyxovirus neuraminidase

IN Chand, Pooran; Babu, Yarlagadda S.; Rowland, Scott R.; Lin, Tsu-Hsing
 PA Biocryst Pharmaceuticals, Inc., USA
 SO PCT Int. Appl., 92 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002076971	A1	20021003	WO 2002-US7052	20020308
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				US 2001-273952PP	20010308

OS MARPAT 137:279419
 GI



AB Neuraminic acids and analogs, e.g. I, wherein X is CHR, O, NR, N-OR, NR(O), S, S(O) and SO₂; R is H, alkyl, alkene, alkyne, CN, NO₂, N₃, halo, substituted amine; R₁ is H, (CH₂)_n-CO₂R₆, (CH₂)_n-tetrazol, (CH₂)_nSO₃H, (CH₂)_nSO₂H, (CH₂)_nPO₃H₂, (CH₂)_nCO-NHR₆, (CH₂)_nNO₂, and (CH₂)_nCHO; R₂ is H, halo, CN, (CH₂)_n-CO₂R₆, (CH₂)_n-amine, (CH₂)_n-OR₆; each of R₃ and R₃' are independently H, NHSO₂R₆, N(O)-SO₂R₆, NR₆SO₂R₇, (CH₂)_mYR₆; at least one of R₃ and R₃' should be other than H; Y is O, NH, NHC(O), C(O)NH, S, S(O), S(O)O, NHS(O)O, S(O)ONH, NHC(O)NH and heterocycle; R₃ and R₃' together may be O, CHR₆, NR₆ and N-OR₆; R₄ and R₄' is independently selected from the group consisting of: H, (CH₂)_mYR₆ and (CH₂)_mYR₆; R₄ and R₄' together may be O, CHR₆, NR₆ and N-OR₆; R₅ and R₅' are independently alkyl, ether, alkylamine, amide; R₆ and R₇ are individually H, alkyl, substituted alkyl, aryl, arylalkyl, heterocycle, alkenyl, alkynyl; m and n are individually 0-4, were prepd. useful for inhibiting paramyxovirus neuraminidase (no data). Thus, (2R,3R,4S)-3-(acetylamino)-4-[(thien-2-ylsulfonyl)amino]-2-((1R,2R)-1,2,3-trihydroxypropyl)-3,4-dihydro-2H-pyran-6-carboxylic acid was prepd. as paramyxovirus neuraminidase inhibitor (no data).

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:736225 CAPLUS

DN 137:262960

TI Preparation of spiro-cyclic .beta.-amino acid derivatives as inhibitors of matrix metalloproteinases and TNF-.alpha. converting enzyme (TACE)

IN Ott, Gregory R.; Chen, Xiaotao; Duan, Jingwu; Voss, Matthew E.

PA Bristol-Myers Squibb Company, USA

SO PCT Int. Appl., 187 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002074738	A2	20020926	WO 2002-US7652	20020312
	WO 2002074738	A3	20030403		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				US 2001-275898PP	20010315
	US 2003087882	A1	20030508	US 2002-96804	20020312
				US 2001-275898PP	20010315

OS MARPAT 137:262960

AB Novel spiro-cyclic .beta.-amino acid derivs. C-B-NR1CO-Z-Ua-Xa-Ya-Za [C-B represents a spiro-cyclic ring system, where rings B and C are 3-13 membered carbocycles or heterocycles; ring B is bonded to NR1 via ACR2aCR2b-; A = alkanoyl, CO2H or ester, CH2CO2H, CONHOH, SH, CH2SH, etc.; R2a = H, alkyl, OH, alkoxy, an amino group, S(O)p (p = 0-2), etc.; R2b = H, alkyl; R1 = H, alkyl, Ph, PhCH2; Z is absent or is a carbocycle or heterocycle; Ua is absent or is O, NH, alkylimino, CO, CO2, O2C, CONH, S(O)p, etc.; Xa is absent or is alkylene, alkenylene, or alkynylene; Ya is absent or is O, NH, alkylimino, S(O)p, CO; Za = H, carbocycle, or heterocycle] or their pharmaceutically-acceptable salts were prepd. as matrix metalloproteinases (MMP), TNF-.alpha. converting enzyme (TACE), and/or aggrecanase inhibitors. Thus, (7S,8R)-N-hydroxy-8-[[4-[(2-methyl-4-quinolinyl)methoxy]benzoyl]amino]-1,4-dioxaspiro[4.4]nonane-7-carboxamide was prepd. by a multistep synthesis starting from (1S,2R)-1-Me cis-1,2,3,6-tetrahydrophthalate. The latter underwent sequential esterification with benzyl alc., oxidative ring opening with KMnO4, and recyclization with Ac2O/NaOAc to yield intermediate benzyl Me (1S,2R)-4-oxo-1,2-cyclopentanedicarboxylate.

L5 ANSWER 10 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:695980 CAPLUS

DN 137:232544

TI Tricycloalkatrienes as non-nucleoside reverse transcriptase inhibitors

IN Lindstroem, Stefan; Sahlberg, Christer; Wallberg, Hans; Kalyanov, Genaidy; Oden, Lourdes; Naeslund, Lotta

PA Medivir AB, Swed.

SO PCT Int. Appl., 106 pp.

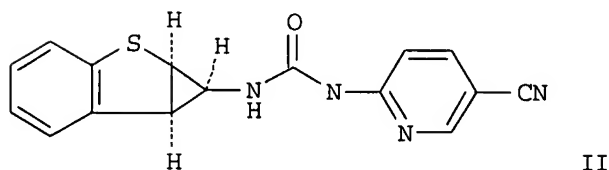
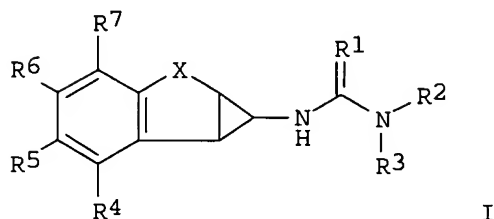
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002070516	A2	20020912	WO 2002-EP2328	20020304
	WO 2002070516	A3	20030206		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				SE 2001-733	A 20010305
	US 2003069224	A1	20030410	US 2002-92752	20020305
				SE 2001-733	A 20010305
OS	MARPAT 137:232544				
GI					



AB Title compds. I [R1 = O, S; R2 = (un)substituted nitrogen-contg. heterocycle, wherein the nitrogen is located at the 2 position relative to the (thio)urea bond; R3 = H, alkyl; R4-R7 = H, alkyl, alkenyl, alkynyl, haloalkyl, alkanoyl, haloalkanoyl, alkoxy, haloalkoxy, alkyloxyalkyl, haloalkyloxyalkyl, hydroxyalkyl, aminoalkyl, carboxyalkyl, cyanoalkyl, amino, carboxy, carbamoyl, cyano, halo, hydroxy, keto; X = (CHR8)nD(CHR8)m; D = NR9, O, S, S(=O), SO2; R8 = H, alkyl, haloalkyl; R9 = H, alkyl; n, m = 0, 1, 2] and prodrugs and pharmaceutically acceptable salts thereof, have utility as inhibitors of HIV-1 reverse transcriptase, particularly drug escape mutants. Thus, benzothiophene was treated with N2CHCO2Et to give Et cis-1a,6b-dihydro-1H-benzo[b]cyclopropa[d]thiophene-1-carboxylate which was hydrolyzed to the acid and treated with (PhO)2PN3 and 2-amino-6-cyanopyridine to give the urea II. II had ED50 in the XTT assay with wild-type HIV-1IIIB of 2 nM.

L5 ANSWER 11 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:656053 CAPLUS

DN 137:187172

TI Ink-jet ink composition comprising metal complex of 8-heterocyclylazo-5-hydroxy-quinoline and anti-kogation materials

IN Erdtmann, David; Lopez, Edgardo; Van Hanehem, Richard C.; Evans, Steven

PA Eastman Kodak Company, USA

SO Eur. Pat. Appl., 14 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1234860	A1	20020828	EP 2002-75634	20020215
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			US 2001-794608 A	20010227
	US 2002157567	A1	20021031	US 2001-794608	20010227
	US 6527844	B2	20030304		
	JP 2002294125	A2	20021009	JP 2002-47856	20020225
				US 2001-794608 A	20010227

OS MARPAT 137:187172

AB An ink-jet ink compn. comprises water, a humectant, a polyvalent transition metal complex of an 8-heterocyclylazo-5-hydroxy-quinoline and an anti-kogation material comprising an alkali metal salt of a monobasic org. or inorg. acid. The ink jet ink compn. has both good light stability and bright hue, and is able to provide consistent d. when printed in a thermal ink jet printer.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:574921 CAPLUS

DN 137:119703

TI Use of noncompetitive and selective GluR5 antagonists as glutamate receptor-modulating compounds, and therapeutic use

IN Peters, Dan; Nielsen, Elsebet Ostergaard; Gouliaev, Alex Haahr

PA Neurosearch A/S, Den.

SO PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DT Patent

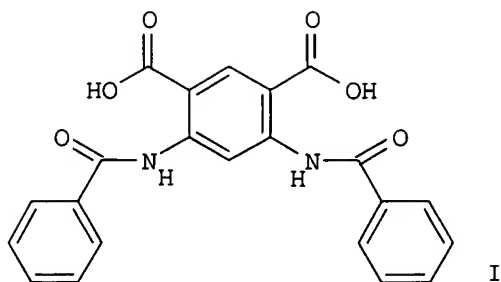
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002058691	A1	20020801	WO 2002-DK46	20020123
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				DK 2001-117	A 20010123

OS MARPAT 137:119703

GI



AB The invention discloses the use of chem. compds. showing noncompetitive and selective GluR5 antagonist or partial agonist activity for treating diseases that are responsive to modulation of an aspartate or a glutamate receptor. Moreover the invention provides chem. compds. for use according to the invention, as well as pharmaceutical compns. comprising the chem. compds., and methods of treating diseases or disorders or conditions responsive to modulation of an aspartate or a glutamate receptor. A preferred example compd. of the invention is I.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 13 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:465767 CAPLUS

DN **137:51985**

TI Oxidative hair dyes containing oxidative enzymes

IN Rozzell, David; Sauter, Guido; Braun, Hans-Juergen

PA Wella Aktiengesellschaft, Germany

SO PCT Int. Appl., 36 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2002047633	A2	20020620	WO 2001-EP11493	20011005
	WO 2002047633	A3	20030313		
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	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,				
	PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,				
	US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				
	BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				DE 2000-10062086A	20001213
	DE 10062086	A1	20020704	DE 2000-10062086	20001213
	AU 2002023590	A5	20020624	AU 2002-23590	20011005
				DE 2000-10062086A	20001213
				WO 2001-EP11493W	20011005
	BR 2001008212	A	20030305	BR 2001-8212	20011005
				DE 2000-10062086A	20001213
				WO 2001-EP11493W	20011005

US 2003041391 A1 20030306 US 2002-181572 20020718
 DE 2000-10062086A 20001213
 WO 2001-EP11493W 20011005

OS MARPAT 137:51985

AB The invention relates to an agent for dyeing keratin fibers. Said agent contains at least one compd. having a nucleophilic reaction center, at least one alc. from the group consisting of aryl alc. derivs. and benzyl alc. derivs., and at least one appropriate oxidn. enzyme. The invention also relates to a method for dyeing keratin fibers using the inventive agent. Thus the following ingredients were mixed to receive a hair dye: vanillyl alc. 1.2 mL (final conc. 10 mmol/L); galactose oxidase 30 mg (200 Units); 1,2,3,3-tetramethyl-3-H-indolium hydrogen sulfate 80 mg (final conc. 100 mmol/L); potassium hydrogen phosphate buffer 6 mL (final conc. 100 mmol/L); water 22.8 mL.

L5 ANSWER 14 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:400330 CAPLUS

DN 136:401769

TI Preparation of 4-heterocyclylphenylacetohydrazide derivatives having blood lipid-lowering activity

IN Suga, Akira; Imanishi, Naoki; Kubota, Hideki; Miura, Toshinori; Moritani, Hiroshi; Matsuda, Kouyou

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 21 pp.

CODEN: JKXXAF

DT Patent

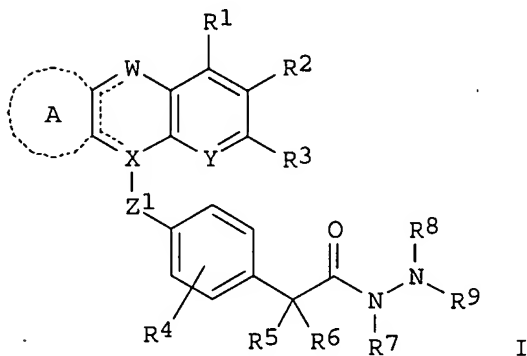
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002155080	A2	20020528	JP 2000-355446	20001122
				JP 2000-355446	20001122

OS MARPAT 136:401769

GI



AB The title compds. [I; R1-R6 = H, halo, (un)substituted hydrocarbonyl or heterocyclyl, CO2H, lower alkoxy carbonyl, CHO, lower alkyl carbonyl, lower alkylthio; R7, R8, R9 = H, (un)substituted hydrocarbonyl, Z2-Q; or NR8R9 = N-contg. heterocyclyl; ring A = (un)substituted benzene, pyridine, or cyclohexene; Q = (un)substituted hydrocarbonyl or heterocyclyl; Z1 = lower alkylene, O, (un)substituted NH, SO2, (un)substituted CONH; Z2 = bond, O, N, S, CO; X, Y = N, C, CH] or pharmacol. acceptable salts thereof, which

possess apoprotein B (apo B)-related lipoprotein secretion-inhibitory activity, prepd. These compds. possess blood cholesterol-lowering and triglyceride-lowering activity and are useful for the treatment of hyperlipidemia, arteriosclerosis, obesity, and pancreatitis. Thus, 2-cyclopentyl-2-[4-[(2,4-dimethyl-9H-pyrido[2,3-b]indol-9-yl)methyl]phenyl]acetic acid was condensed with phenylhydrazine using 1-hydroxybenzotriazole, 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride, and Et₃N in CHCl₃ at room temp. overnight to give N-[2-cyclopentyl-2'-[4-[(2,4-dimethyl-9H-pyrido[2,3-b]indol-9-yl)methyl]phenyl]acetyl]-N'-phenylhydrazine (II). (S)-II showed ED₅₀ of 0.15 mg/kg for lowering non-HDL cholesterol in rats.

L5 ANSWER 15 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:345978 CAPLUS
DN **136:340696**
TI Preparation of substituted quinazoline derivatives
IN Gletsos, Constantine
PA American Home Products Corporation, USA
SO U.S., 9 pp., Cont. of U.S. Ser. No. 363,521, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 6384223	B1	20020507	US 2000-564491	20000504
				US 1998-112023PP	19980730
				US 1999-363521	B119990729

OS CASREACT 136:340696; MARPAT 136:340696
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. [I; X = substituted Ph; R, R₁ = H, halo, alkyl, etc.; R₂ = H, alkyl, alkoxy, etc.; Y = II, III (wherein R₃ = H, alkyl, CO₂H, etc.; n = 2-4)], useful as antineoplastic agents (no data), were prepd. by acylating aniline IV with an acid halide or mixed anhydride V or VI (wherein Z = OR₄, SR₄, halo, etc.; R₄ = alkyl, cycloalkyl, Ph; L = Cl, Br, OCOR₆; R₆ = alkyl, cycloalkyl, Ph) followed by reacting the acetylated compd. with H₂NX, and treating the resulting intermediate with a mild base or Lewis acid.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

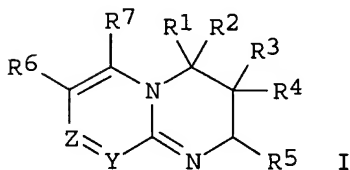
L5 ANSWER 16 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:293656 CAPLUS
DN **136:325565**
TI Preparation of 3,4-dihydropyrimido[1,2-a]pyrimidines and 3,4-dihydropyrazino[1,2-a]pyrimidines as analgesics
IN Gerlach, Matthias; Maul, Corinna; Jagusch, Utz-Peter
PA Gruenenthal Gmbh, Germany
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DT Patent
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002030934	A1	20020418	WO 2001-EP11702	20011010
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	RW:				GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
				DE 2000-10050661A	20001013
	DE 10050661	A1	20020418	DE 2000-10050661	20001013
	AU 2002014007	A5	20020422	AU 2002-14007	20011010
				DE 2000-10050661A	20001013
				WO 2001-EP11702W	20011010
	EP 1325010	A1	20030709	EP 2001-982417	20011010
	R:				AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
				DE 2000-10050661A	20001013
				WO 2001-EP11702W	20011010
	NO 2003001588	A	20030408	NO 2003-1588	20030408
				DE 2000-10050661A	20001013
				WO 2001-EP11702W	20011010

OS MARPAT 136:325565

GI



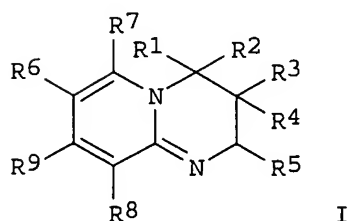
AB Title compds. [I; Y = CR₈; Z = N; or Y = N; Z = CR₉; R₁, R₂ = H, (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (unsatd.) (substituted) heterocyclyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R₃, R₄ = H, H, (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R₅ = (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (unsatd.) (substituted) heterocyclyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R₆-R₉ = H, F, Cl, Br, iodo, cyano, amino, aminoalkyl, aminodialkyl, etc.] and salts thereof were prepd. Several I showed μ -opiate receptor binding with K_i = 1.4-2.5 μ M and inhibited at 10 μ M NMDA/MK801 binding position with 40-47%. The invention relates also to a method for the prodn. of the title compds., substance libraries contg. said compds., medicaments which contain said compds., the use of said compds. in the prodn. of medicaments for treating pain, urinary incontinence, pruritus, tinnitus aurium and/or diarrhea and pharmaceutical preps. contg. said compds.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 17 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:293655 CAPLUS
 DN **136:309934**
 TI Preparation of 3,4-dihydropyrido[1,2-a]pyrimidines as analgesics
 IN Gerlach, Matthias; Maul, Corinna; Jagusch, Utz-Peter
 PA Gruenenthal Gmbh, Germany
 SO PCT Int. Appl., 139 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002030933	A1	20020418	WO 2001-EP11700	20011010
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10050662	A1	20020418	DE 2000-10050662A	20001013
	AU 2002010526	A5	20020422	DE 2000-10050662	20001013
				AU 2002-10526	20011010
				DE 2000-10050662A	20001013
	BR 2001014734	A	20030701	WO 2001-EP11700W	20011010
				BR 2001-14734	20011010
				DE 2000-10050662A	20001013
	EP 1326866	A1	20030716	WO 2001-EP11700W	20011010
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			EP 2001-978402	20011010
				DE 2000-10050662A	20001013
	NO 2003001412	A	20030422	WO 2001-EP11700W	20011010
				NO 2003-1412	20030327
				DE 2000-10050662A	20001013
				WO 2001-EP11700W	20011010

OS MARPAT 136:309934
 GI



AB Title compds. [I; R1, R2 = H, OR10, SH, SR10, (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (unsatd.), (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R3, R4 = H, H,

(branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R5 = (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.; R6-R9 = H, F, Cl, Br, I, cyano, amino, aminoalkyl, aminodialkyl, etc.; R10 = (branched) (unsatd.) (substituted) alkyl, (unsatd.) (substituted) cycloalkyl, (substituted) (hetero)aryl, (substituted) alkylaryl, etc.] and salts thereof were prepd. as analgesics (no data). The invention relates also to a method for the prodn. of the title compds., substance libraries contg. said compds., medicaments which contain said compds., the use of said compds. in the prodn. of medicaments for treating pain, urinary incontinence, pruritus, tinnitus aurium and/or diarrhea and pharmaceutical prepsns. contg. said compds.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 18 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:256250 CAPLUS

DN 136:279340

TI Preparation of cannabichromenes as antivirals

IN Travis, Craig R.

PA Immugen Pharmaceuticals, Inc., USA

SO PCT Int. Appl., 39 pp.

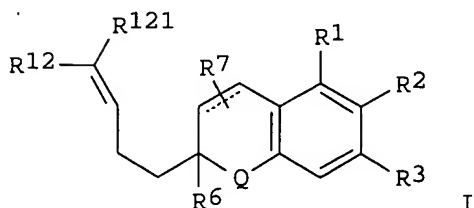
CODEN: PIXXD2

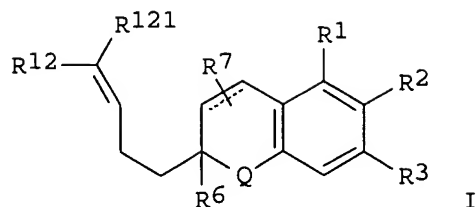
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002026728	A2	20020404	WO 2001-US42368	20010928
	WO 2002026728	A3	20020906		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2002013429	A5	20020408	US 2000-236425PP	20000928
				AU 2002-13429	20010928
				US 2000-236425PP	20000928
				WO 2001-US42368W	20010928
	US 2002068738	A1	20020606	US 2001-967341	20010928
	US 6541510	B2	20030401		
				US 2000-236425PP	20000928
OS	MARPAT 136:279340				
GI					





AB Title compds. [I; R1 = H, alkyl, CO₂H, OH, (substituted) alkoxy, alkanoyl, morpholinoalkylcarbonyloxy, etc.; R2 = H, OH, CO₂H, halo, alkoxy, etc.; R3 = (substituted) alkyl, haloalkyl, CO₂H, alkenyl, alkynyl, etc.; R6 = H, OH, halo, alkoxy, alkylthio, alkyl, haloalkyl, cyano, N₃, CO₂H, etc.; R7 = H, OH, halo, alkoxy, alkylthio, alkyl, haloalkyl, cyano, N₃, CO₂H, alkoxycarbonyl, O, S, etc.; R12, R121 = H, OH, halo, alkoxy, alkylthio, alkyl, haloalkyl, cyano, N₃, CO₂H, alkoxycarbonyl, etc.; R12R121 = O, S; Q = O, S, NW; W = H, alkoxycarbonyl, alkyl, haloalkyl, alkoxy, haloalkyl, etc.], were prepd. Thus, 1-(1,1,5-trimethylhexyl)-3,4,5-trimethoxybenzene (prepn. given), geraniol, and TsOH were refluxed 2 h in PhMe to give 20% 3,4-dihydro-2-methyl-2-(4-methyl-3-pentenyl)-7-(1,1,5-trimethylhexyl)-2H-1-benzopyran-5-ol (IG-08). IG-08 inhibited HIV-1 attachment and fusion to HeLa CD4 cells with suppression of .mu.-galactosidase activity.

L5 ANSWER 19 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:220534 CAPLUS

DN **136:263165**

TI Preparation of 1,2,3,4-tetrahydronaphthalenecarboxamide, 1,2,3,4-tetrahydroquinolinecarboxamide, indanecarboxamides, thiochromancarboxamide, and chromancarboxamide derivatives as C5a receptor antagonists and medicinal use thereof

IN Nakamura, Mitsuharu; Kamahori, Takao; Ishibuchi, Seigo; Naka, Yoichi; Sumichika, Hiroshi; Itoh, Katsuhiko

PA Mitsubishi Pharma Corporation, Japan

SO PCT Int. Appl., 415 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002022556	A1	20020321	WO 2001-JP7977	20010914
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
			JP 2000-280540 A	20000914
			JP 2000-386813 A	20001220
AU 2001088045	A5	20020326	AU 2001-88045	20010914
			JP 2000-280540 A	20000914
			JP 2000-386813 A	20001220
			WO 2001-JP7977 W	20010914
EP 1318140	A1	20030611	EP 2001-967682	20010914

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

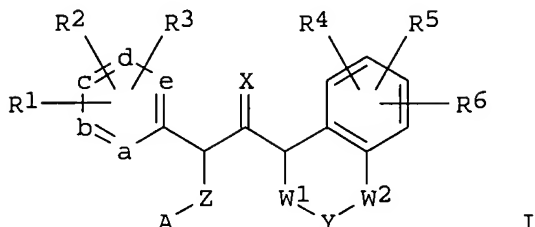
JP 2000-280540 A 20000914

JP 2000-386813 A 20001220

WO 2001-JP7977 W 20010914

OS MARPAT 136:263165

GI



AB Amide derivs. represented by the following general formula [I; R1, R2, R3, R4 = H, (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl, arylalkyl, heteroarylalkyl, or alkoxy, aryloxy, arylalkyloxy, (un)substituted acyloxy, halo, NO₂, cyano, acyl SH, alkylthio, alkylsulfinyl, NH₂, alkylamino, dialkylamino, cyclic amino, (un)substituted CONH₂, alkoxy carbonyl, CO₂H, acylamino, (un)substituted SO₂NH₂, haloalkyl; or any two of R1, R2, and R3 together with adjacent carbon atom form a ring; all a, b, c, d, and e is a carbon atom; or one or two of a, b, c, d, and e represent one or two nitrogen atom and the other represent C atoms; R4, R5, R6 = haloalkyloxy, groups listed in R1 - R4; A = H, (un)substituted cycloalkyl, aryl, heteroaryl, or cyclic amino; W1, W2 = a bond, (un)substituted C1-3 alkylene; Y = a single bond, O, CO, NR₇, S, SO, SO₂, CONR₈, NR₉CO (wherein R₇, R₈, R₉ = H, (un)substituted alkyl); Z = a single bond, (un)substituted alkylene] or optically active isomers thereof or pharmaceutically acceptable salts thereof are prepd. These compds. are useful as preventives and remedies for diseases or syndromes caused by inflammation induced by C5a, e.g. immunol. diseases such as rheumatism and systemic lupus erythematosus, allergic diseases such as sepsis, adult respiratory distress syndrome, chronic obstructive pulmonary disease and asthma, atherosclerosis, heart infarction, brain infarction, psoriasis, Alzheimer's disease and important organistic breakdown (e.g. pneumonia, nephritis, hepatitis, pancreatitis) induced by leukocyte activation caused by ischemic reperfusion, burn or surgical invasion. Moreover, they are useful as preventives and remedies for infection with bacteria and viruses mediated by C5a receptor. Thus, to a soln. of 3.3 g 1,2,3,4-tetrahydronaphthalene-1-carboxylic acid in 20 mL CH₂Cl₂ was added 2.1 mL SO₂Cl₂ and the resulting mixt. was refluxed for 3 h, concd. under reduced pressure, dissolved in 10 mL CH₂Cl₂, treated with a soln. of 5.1 g N-[(4-dimethylaminophenyl)methyl](4-isopropylphenyl)amine in 10 mL CH₂Cl₂ under ice-cooling, warmed to room temp., and stirred overnight to give N-[(4-dimethylaminophenyl)methyl]-N-(4-isopropylphenyl)-1,2,3,4-tetrahydronaphthalene-1-carboxamide (II). II inhibited the binding of [125I]-human C5a receptor to human histiocytic lymphoma cell line (U-937) with IC₅₀ of 104 nm/mL. A tablet, a capsule, an injection soln., and an eyedrop formulation contg. II were prepd.

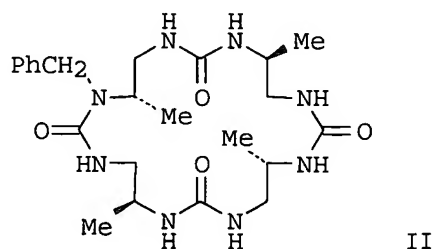
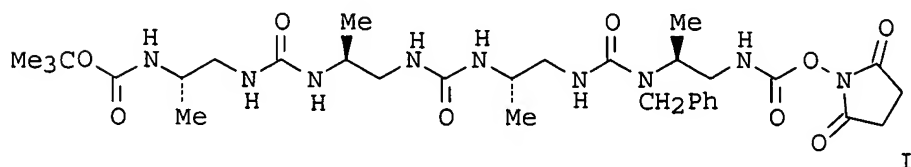
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 20 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:923779 CAPLUS
 DN **136:53771**
 TI Preparation of cyclic urea compounds
 IN Rodriguez, Marc; Guichard, Gilles; Plaue, Serge; Semetey, Vincent;
 Schaffner, Arnaud-Pierre; Briand, Jean-Paul
 PA Centre National de la Recherche Scientifique, Fr.; Neosystem;
 Galas-Rodriguez, Marie-Christine; Rodriguez, Pierre; Rodriguez, Elisa;
 Rodriguez, Romain
 SO PCT Int. Appl., 103 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001096318	A1	20011220	WO 2001-FR1837	20010613
	WO 2001096318	C1	20030501		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,				
	HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,				
	LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,				
	RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,				
	VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				
	BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				FR 2000-7507	A 20000613
	FR 2810039	A1	20011214	FR 2000-7507	20000613
	EP 1289968	A1	20030312	EP 2001-945420	20010613
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
				FR 2000-7507	A 20000613
				WO 2001-FR1837	W 20010613

OS MARPAT 136:53771

GI



AB The invention concerns a method for prepg. cyclic urea compds. from an activated carbamic acid deriv. contg. an unprotected primary or secondary amine function, by reaction between the primary or secondary amine function and the carbamic acid function of the carbamic acid deriv. Thus, the protected amine I was de-tert.-butoxycarbonylated and cyclized with EtN(CHMe₂)₂ to give the cyclic urea II.

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 21 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:833289 CAPLUS

DN 135:371756

TI Preparation of prodrugs of HIV replication inhibiting pyrimidines

IN Kukla, Michael Joseph; Ludovici, Donald William; Kavash, Robert W.; De Corte, Bart Lieven Daniel; Heeres, Jan; Janssen, Paul Adriaan Jan; Koymans, Lucien Maria Henricus; De Jonge, Marc Rene; Van Aken Koen, Jeanne Alfons; Krief, Alain

PA Janssen Pharmaceutica N.V., Belg.

SO PCT Int. Appl., 55 pp.

CODEN: PIXXD2

DT Patent

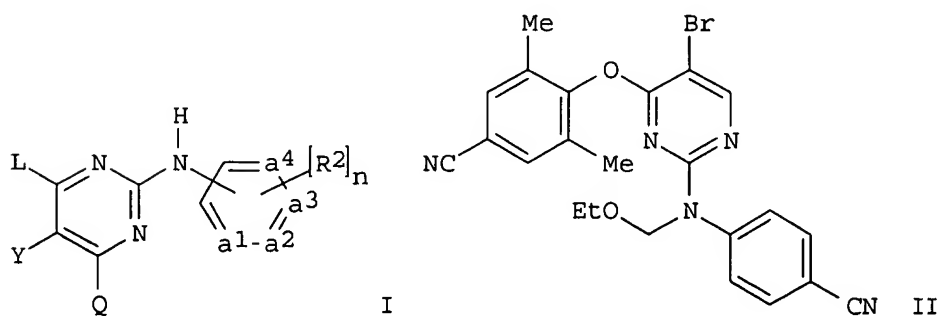
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001085699	A2	20011115	WO 2001-EP4990	20010503
	WO 2001085699	A3	20020228		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				US 2000-202471PP	20000508
	EP 1282607	A2	20030212	EP 2001-933925	20010503
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				US 2000-202471PP	20000508
				WO 2001-EP4990 W	20010503

OS MARPAT 135:371756

GI



AB The title compds. A1A2NR1 [I; R1 = alkyl, SOR8, SO2R8, etc.; R8 = alkyl, (un)substituted Ph, (un)satd. heterocyclyl; A1A2N- is the covalently bonded form of the corresponding intermediate of the formula A1A2NH, which is a HIV replication inhibiting pyrimidine II (wherein a1:a2a3:a4 = CH:CHCH:CH, N:CHCH:CH, N:CHN:CH, N:CHCH:N, N:NCH:CH; n = 0-5; R2 = OH, halo, alkyl, etc.; L = alkyl, alkenyl, cycloalkyl, etc.; Q = H, alkyl, halo, etc.; Y = H, OH, halo, etc.)], were prepd. Thus, reacting 4-{[5-bromo-4-(4-cyano-2,6-dimethylphenoxy)-2-pyrimidinyl]amino}benzonitrile (prepn. given) with (chloromethoxy)ethane in the presence of NaH in THF afforded 19% III. Anti-HIV activity of compds. I was tested and results were given.

L5 ANSWER 22 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:798220 CAPLUS

DN 135:344472

TI Preparation of 6-(5-oxazolyl)-4(1H)-quinolinones as inhibitors of IMPDH enzyme

IN Iwanowicz, Edwin J.; Watterson, Scott H.; Dhar, T. G. Murali; Pitts, William J.; Gu, Henry H.

PA Bristol-Myers Squibb Company, USA

SO PCT Int. Appl., 263 pp.

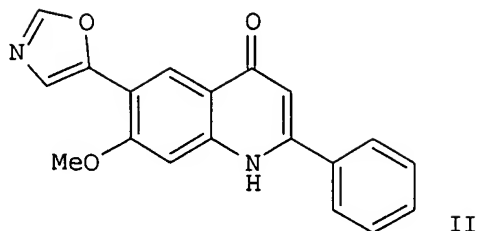
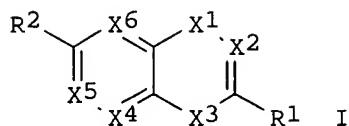
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081340	A2	20011101	WO 2001-US12900	20010419
	WO 2001081340	A3	20020523		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				US 2000-199420PP	20000424
EP	1276739	A2	20030122	EP 2001-928708	20010419
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				US 2000-199420PP	20000424
				WO 2001-US12900W	20010419
	US 2002040022	A1	20020404	US 2001-840503	20010423
				US 2000-199420PP	20000424
OS	MARPAT 135:344472				
GI					



AB Title compds. I [wherein X1 = CO, SO, or SO₂; X2 = CR₃ or N; X3 = NH, O, or S; X4 = CR₄ or N; X5 = CR₅ or N; X6 = CR₆ or N] were prepd. were prepd. as inosine monophosphate dehydrogenase (IMPDH) enzyme inhibitors. For example, acetalization of 4-nitro-2-methoxytoluene with AcOH (51%), redn. to the aldehyde (91%), and cycloaddn. with (p-tolylsulfonyl)methyl isocyanate gave 5-(4-nitro-2-methoxyphenyl)oxazole (84%), which was reduced to the amine (95%). Alkylation with Et benzoylacetate and cyclization afforded the 6-(5-oxazolyl)-4(1H)-quinolinone II. Thus, I are useful as therapeutic agents for IMPDH-assocd. disorders, such as allograft rejection (no data).

L5 ANSWER 23 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:747745 CAPLUS

DN **135:289060**

TI Preparation of peptides as inhibitors of serine proteases, particularly hepatitis C virus NS3 protease

IN Perni, Robert; Court, John; O'malley, Ethan; Bhisetti, Govinda Rao

PA Vertex Pharmaceuticals Incorporated, USA

SO PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DT Patent

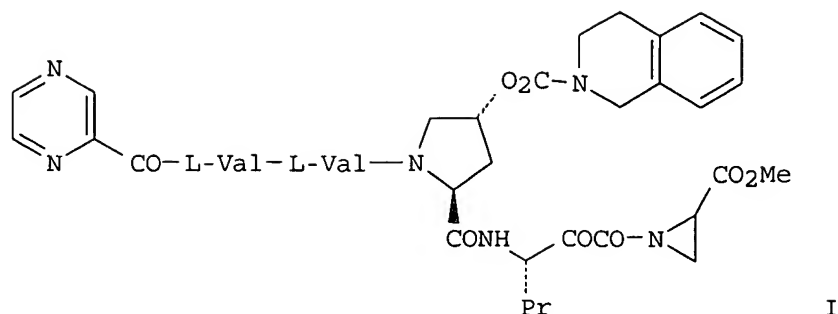
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001074768	A2	20011011	WO 2001-US10367	20010329
	WO 2001074768	A3	20020606		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				US 2000-194563PP	20000403
				US 2000-198330PP	20000418
EP 1268519	A2	20030102	EP 2001-924516	20010329	
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
				US 2000-194563PP	20000403
				US 2000-198330PP	20000418
				WO 2001-US10367W	20010329

OS MARPAT 135:289060

GI



AB Peptides Q-CO-A1-NHCHR1COCOR3 [R1 is C1-6 alkyl or C2-6 alkenyl or alkynyl, optionally substituted by 1-4 halogen atoms and SH or OH at the terminal position; R3 is (un)substituted 1-aziridiny1 or 1-azetidiny1; A1 is a proline residue which may be substituted, e.g., by Z-X- at the 4-position, where X is O, imino, CO, CO₂, etc. and Z is H, alkyl, a cyclic ring system, etc.; Q is OH, alkoxy, an amino group, etc.] were prepd. as serine protease inhibitors, particularly as hepatitis C NS3 protease inhibitors. Thus, peptide I was prepd. by solid-phase coupling using a THP resin and showed $K_i < 1 \mu\text{M}$ for inhibition of hepatitis C NS3 protease.

L5 ANSWER 24 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:712792 CAPLUS

DN **135:258549**

TI Black trisazo metal complex dyes, their production and their use

IN Geisenberger, Josef; Wuzik, Andreas

PA Clariant GmbH, Germany

SO Ger. Offen., 12 pp.

CODEN: GWXXBX

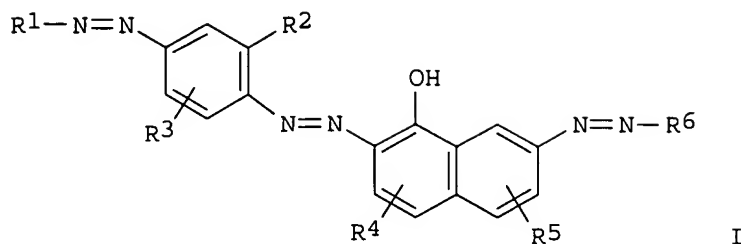
DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10015004	A1	20010927	DE 2000-10015004	20000325
	WO 2001072906	A2	20011004	WO 2001-EP2487	20010306
	WO 2001072906	A3	20020314		
	W: BR, CA, JP, KR				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
				DE 2000-10015004A	20000325
EP 1268674	A2	20030102	EP 2001-925375	20010306	
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
				DE 2000-10015004A	20000325
				WO 2001-EP2487 W	20010306
BR 2001009552	A	20030610	BR 2001-9552	20010306	
			DE 2000-10015004A	20000325	
			WO 2001-EP2487 W	20010306	
US 2001027734	A1	20011011	US 2001-816180	20010323	
			DE 2000-10015004A	20000325	

OS MARPAT 135:258549
GI



AB The black dyes (I; R1 = org. group; R2 = OH, C1-6-alkoxy, CO2M, SO3M, where M = H, metal cation; R3, R4, R5 = H or a substituent; R6 = optionally substituted arom. group) are obtained as black dyes esp. suitable for water-thinned jet-printing inks. Thus, 1-hydroxy-7-amino-3-naphthalenesulfonic acid.fwdarw.3-carboxy-5-hydroxy-1-(4-sulfohenyl)-4-pyrazole was prepd. and was coupled with diazotized 2-[(4-amino-3-methoxyphenyl)azo]naphthalene-6,8-disulfonic acid to give a trisazo compd. which was complexed with copper to give a black dye (.lambda.max 412, 582 nm). The dye was used in a water-thinned jet-printing ink with good optical and application properties.

L5 ANSWER 25 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:661399 CAPLUS

DN **135:226826**

TI Synthesis of epothilones, intermediates and analogs for use in treatment of cancers with multidrug resistant phenotype

IN Danishefsky, Samuel J.; Lee, Chul Bom; Chappell, Mark; Stachel, Shawn; Chou, Ting-chao

PA Sloan-Kettering Institute for Cancer Research, USA

SO PCT Int. Appl., 234 pp.

CODEN: PIXXD2

DT Patent

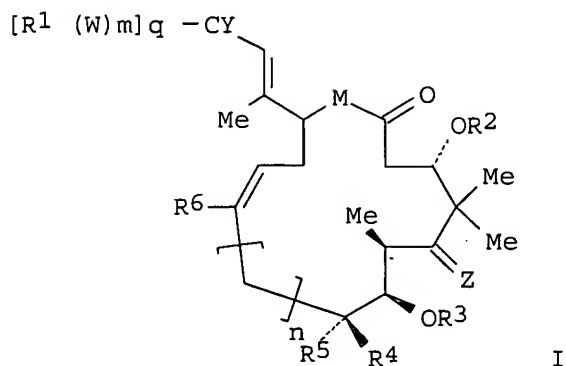
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064650	A2	20010907	WO 2001-US6643	20010301
	WO 2001064650	A3	20020510		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				US 2000-185968PP	20000301
				US 2000-250447PP	20001130
	US 2002058817	A1	20020516	US 2001-796959	20010301

EP 1259490 A2 20021127 US 2000-185968PP 20000301
 EP 2001-916335 20010301
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 US 2000-185968PP 20000301
 US 2000-250447PP 20001130
 WO 2001-US6643 W 20010301

OS CASREACT 135:226826; MARPAT 135:226826
 GI



AB The present invention provides convergent processes for prepg. epothilones, desoxyepothilones, and analogs, e.g., I [M = NH, O; CY = aryl, heteroaryl; q = 1-5; W = absent, NH, CO, CS, O, S, C(V)2; V = H, halogen, OH, SH, amino, (un)substituted alkyl, heteroalkyl, aryl, heteroaryl; m = 1-5; bond W.cntdot..cntdot..cntdot.R1 = single bond, double bond; R1 = OR, SR, NR2; CO2R, COR, CONHR, N3, N2, N2R; halogen, un(substituted) cyclic or acyclic aliph., heteroaliph., aryl or heteroaryl, polymer, carbohydrate; R = H, un(substituted) cyclic or acyclic aliph., heteroaliph., aryl or heteroaryl, protecting group; R2, R3 = H, un(substituted) aliph., heteroaliph., aryl, heteroaryl, acyl, aroyl, benzoyl; R4, R5 = H, un(substituted) cyclic or acyclic aliph., heteroaliph., aryl or heteroaryl, optionally substituted by one or more of OH, alkoxy, carboxy, carboxaldehyde, N-alkoxyimino, N-alkoxyimino; R6 = H, OR, SR, NR2; CO2R, COR, CONHR, N3, N2, N2R, cyclic acetal, halogen, un(substituted) cyclic or acyclic aliph., aryl, heteroaryl; Z = O, N(ORE), NNRFRG; RE, RF, RG = un(substituted) cyclic or acyclic aliph.; n = 0-3], for the treatment of cancer. Biol. activities of novel compds. based on I and methods for the treatment of cancer and cancer which has developed a multi-drug phenotype are presented. Thus, 21-oxo-12,13-desoxyepothilone B and 15-azaepothilone B were active vs leukemia CCRF-CEM cells (IC50 = 0.027 .mu.M; IC50 = 0.021 .mu.M, resp.).

L5 ANSWER 26 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:545696 CAPLUS

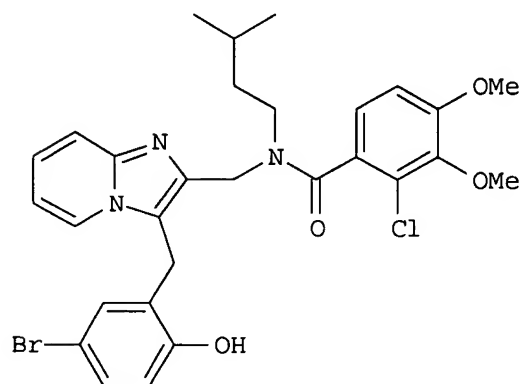
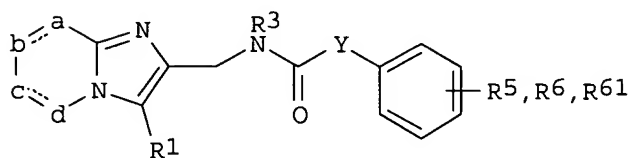
DN 135:122505

TI Preparation of imidazopyridines and related azacyclic compounds as selective modulators of bradykinin B2 receptors

IN Peterson, John M.; Hutchison, Alan; Shaw, Kenneth; Hodgetts, Kevin J.; Maynard, George D.; Lew, Richard

PA Neurogen Corporation, USA
 SO PCT Int. Appl., 94 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001053298	A1	20010726	WO 2001-US1601	20010117
	WO 2001053298	C2	20021017		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6420365	B1	20020716	US 2000-176701PP	20000118
				US 2001-765159	20010117
				US 2000-176701PP	20000118
OS	MARPAT 135:122505				
GI					



AB Title compds. [I; .ltoreq.2 of a, b, c, d = N, the others = C; R1 = (substituted) aralkyl, heteroarylalkyl; ring contg. a, b, c, d may be substituted; R3 = alkyl; R4 = halo, CF3; R5, R6, R61 = H, CF3, OCF3, NO2, cyano, alkyl, halo, aminomethyl, (substituted) alkoxy, etc.; R4R5 = atoms to form 5-7 membered (substituted) carbocyclic or heterocyclic ring; Y = bond, (substituted) CH2], were prepd. as BK-2 receptor ligands (no data). I are useful in the diagnosis and treatment of renal disease, heart failure, hypertension, Meniere's disease, vaginal inflammation and pain, peripheral circulatory disorders, climacteric disturbance, retinochoroidal

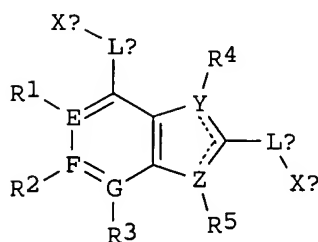
circulatory disorders, myocardial ischemia, myocardial infarction, postmyocardial infarction syndrome, angina pectoris, restenosis after percutaneous transluminal coronary angioplasty, hepatitis, liver cirrhosis, pancreatitis, ileus, diabetes, diabetic complications, male infertility, glaucoma, pain, asthma, and rhinitis and for the increase of permeability of the blood-brain barrier or the blood-brain-tumor barrier. Thus, isoamylamine and 4-bromo-2-[2-(chloromethyl)(3a-hydroimidazolo[1,2-a]pyridin-3-yl)methyl]-1-methoxybenzene (prepn. given) were stirred 4 h in MeCN to give 95% title compd. (II).

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

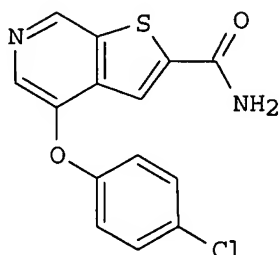
L5 ANSWER 27 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:355084 CAPLUS
DN **134:353297**
TI Preparation of thienopyridines and thienopyrimidines as cell
adhesion-inhibiting antiinflammatory compounds
IN Stewart, Andrew O.; Boyd, Steven A.; Arendsen, David L.; Bhatia, Pramila;
Condroski, Kevin R.; Freeman, Jennifer C.; Gunawardana, Indrani W.; Zhu,
Gui-dong; Lartey, Kraig; Mccarty, Catherine M.; Mort, Nicholas A.; Patel,
Meena V.; Staeger, Michael A.; Stout, David M.
PA Abbott Laboratories, USA
SO U.S., 117 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6232320	B1	20010515	US 1999-325336	19990603
				US 1998-87907P P	19980604
	US 2001020030	A1	20010906	US 2001-799729	20010306
	US 6579882	B2	20030617		
				US 1998-87907P P	19980604
				US 1999-325336 A3	19990603

OS MARPAT 134:353297
GI



I



II

AB The title compds. [I; E, F, and G = C, N, N(:O); Y, Z = C, N, O, S(O)_n; n = 0-2; LA = covalent bond, O, S(O)_n, etc.; XA = halo, (un)substituted alkyl, etc.; LB = covalent bond, O, S(O)_n, etc.; XB = H, alkyl, alkenyl, etc.; R1-R5 = absent, H, halo, etc.] were prepd. as antiinflammatory compds. I inhibited the expression of e-selectin and ICAM-1 relative to

VCAM-1 and are useful for the treatment or prophylaxis of diseases caused by expression of adhesion mols. Examples include syntheses for over 300 invention compds. and e-selectin, ICAM-1, and VCAM-1 inhibition potencies for approx. 90 representative compds. For instance, 4-chlorophenol was treated with KOBu-t in THF and added to 3,5-dichloropyridine-4-carboxaldehyde in THF. Cycloaddition with Me thioglycolate in the presence of Cs₂CO₃, followed by conversion to the amide by heating to 45.degree.C in methanolic NH₃ for 18 h, afforded 4-(4-chlorophenoxy)thieno[2,3-c]pyridine-2-carboxamide (II). II inhibited e-selectin, ICAM-1, and VCAM-1 by 82%, 74%, and 50%, resp., at concns. of 1 .mu.M.

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 28 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:241784 CAPLUS

DN **134:265905**

TI Catalytic asymmetric cycloaddition reactions of dienes and aldehydes

IN Jacobsen, Eric N.; Schaus, Scott E.; Dossetter, Alexander G.; Jamison, Timothy F.

PA Harvard University, USA

SO U.S., 39 pp., Cont.-in-part of U.S. 6,130,340.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6211370	B1	20010403	US 1999-255480	19990223
				US 1998-6104	A219980113
	US 6130340	A	20001010	US 1998-6104	19980113
	WO 2000050365	A1	20000831	WO 2000-US4742	20000223
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				US 1999-255480 A	19990223
	US 2002004602	A1	20020110	US 2001-755612	20010104
	US 6369223	B2	20020409		
				US 1998-6104	A219980113
				US 1999-255480 A1	19990223

PATENT FAMILY INFORMATION:

FAN 1999:464250

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9936375	A1	19990722	WO 1998-US24971	19981120
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				US 1998-6104	A 19980113
	US 6130340	A	20001010	US 1998-6104	19980113
	AU 9915990	A1	19990802	AU 1999-15990	19981120
				US 1998-6104	A 19980113
				WO 1998-US24971W	19981120

FAN 2000:608693

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000050365	A1	20000831	WO 2000-US4742	20000223
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				

PT, SE

US 6211370

B1

20010403

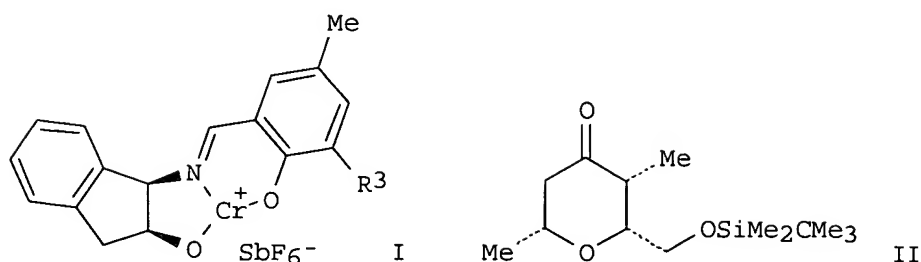
US 1999-255480 A 19990223

US 1999-255480 19990223

US 1998-6104 A219980113

OS MARPAT 134:265905

GI



AB Stereoselective cycloaddn. reactions which generally comprise a cycloaddn. reaction between a pair of substrates, each either chiral or prochiral, that contain reactive .pi.-systems, in the presence of a nonracemic chiral catalyst produced stereoisomerically enriched products. Thus, Cr complex I (R3 = 1-adamantyl) catalyzed the hetero Diels-Alder reaction of Me3CMe2SiOCH2CHO with MeCH:CHC(OSiEt3):CHMe to give 93% pyran II in 98% ee.

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 29 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:152935 CAPLUS

DN **134:193349**

TI Preparation and antimicrobial activities of combinatorial libraries of 4-unsubstituted dihydroisoquinolinone derivatives

IN Motesharei, Kianoush; Lebl, Michal; Krchnak, Viktor; Ni, Yidong

PA Trega Biosciences, Inc., USA

SO PCT Int. Appl., 162 pp.

CODEN: PIXXD2

DT Patent

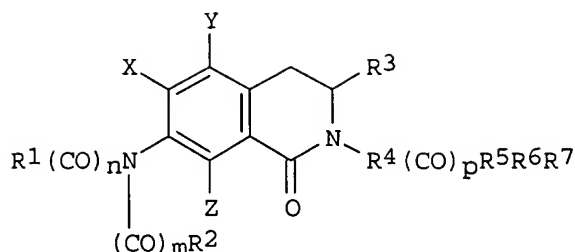
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001014879	A1	20010301	WO 2000-US20774	20000728
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6452009	B1	20020917	US 1999-378569 A	19990819
	EP 1210598	A1	20020605	US 1999-378569	19990819
				EP 2000-955287	20000728
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
				US 1999-378569 A	19990819
				WO 2000-US20774W	20000728

OS MARPAT 134:193349

GI



AB Dihydroisoquinolinones I [R1, R2 = H, alkyl, alkenyl, Ph, etc.; R3 = H, alkyl, heteroaryl, etc.; R4 = -, DWE and W = -, cycloalkylene, arylene, etc. and D and E = -, alkylene, alkynylene, etc.; R5 = -, O, S, amino; R6 = -, alkylene, alkenylene; R7 = H, halide, OR13, CO2R13, etc.; X, Y, Z = H, halo, OH, cyano, nitro, etc.; m, n, p = 0, 1 and when 0 the absent carbonyl can be replaced with SO2] were prepd. Thus, bromoacetic acid was coupled to a resin and the resulting compds. were coupled with 1,4-Boc-NH-CH2-Ph-COOH, deprotected, and reacted with an aldehyde. The resulting compds. were then reacted with 4-nitrohomophthalic acid, reduced with tin chloride, and the compds. were reacted with a carboxylic acid. The resulting compds. were then cleaved and extd. The melanocortin receptor assay and antimicrobial activity of I were investigated.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 30 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:31501 CAPLUS

DN **134:100887**

TI Preparation of tricyclic compounds having spiro-piperidine as inhibitors of blood coagulation factor X (FXa) and anticoagulants

IN Nishida, Hidemitsu; Saitoh, Fumihiko; Harada, Kousuke; Shiromizu, Ikuya

PA Mochida Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 305 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2001002397	A1	20010111	WO 2000-JP4374	20000630
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				JP 1999-222883 A	19990630
EP	1191028	A1	20020327	EP 2000-940912	20000630
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				JP 1999-222883 A	19990630

BR 2000012093	A	20020716	WO 2000-JP4374 W 20000630
			BR 2000-12093 20000630
			JP 1999-222883 A 19990630
US 2003045520	A1	20030306	WO 2000-JP4374 W 20000630
			US 2001-26606 20011227
			JP 1999-222883 A 19990630
			WO 2000-JP4374 A220000630
NO 2001006402	A	20020227	JP 2000-399998 A 20001228
			NO 2001-6402 20011228
			JP 1999-222883 A 19990630
			WO 2000-JP4374 W 20000630

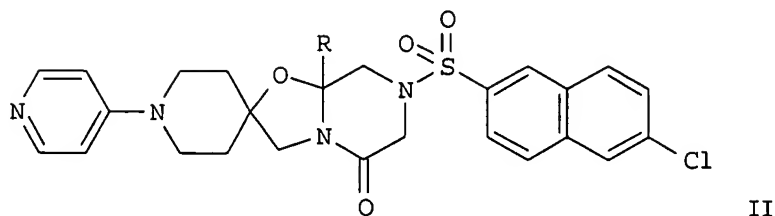
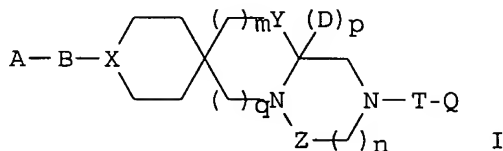
PATENT FAMILY INFORMATION:

FAN 2002:521746

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053568	A1	20020711	WO 2001-JP11656	20011228
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				JP 2000-399998 A	20001228

OS MARPAT 134:100887

GI



AB Arom. compds. having cyclic amino which are represented by general formula (I) or salts thereof [wherein A = H, (un)substituted (un)satd. 5- to 6-membered cyclic hydrocarbyl or heterocyclyl, (un)substituted NH₂, (un)substituted imidoyl; B = single bond, CO, SO, (un)substituted C1-2 alkylene; D = H, (un)substituted CHO, (un)substituted C1-6 alkyl; X = N, (un)substituted methine; Y = O, S(O)_y (wherein y = 0,1,2), (un)substituted NH; Z = CH₂, CO, C(S); T = S(O)_z (wherein z = 0,1,2), CO, (un)substituted C1-2 alkylene; Q = (un)substituted hydrocarbyl or heterocyclyl; m, n, q = 0, 1,2; p = 0,1; the three rings contg. X, Y, or Z is optionally

substituted; the bond represented by a dotted and solid line in the ring contg. Z is a single bond or a double bond when p = 0] are prepd. These compds. are useful as drugs, in particular, activated blood coagulation factor X inhibitors for the prevention and treatment of diseases caused by thrombus or embolism, influenza virus infection, or periodontosis, exert a potent anticoagulation effect, and can be orally administered. A pharmacophore derived from the above compds. is also useful in mol. designing Fxa inhibitors. Thus, 4-(aminomethyl)-1-benzyl-4-hydroxypiperidine was cyclocondensed with Et 2-[N-(3-acetoxy-2-oxopropan-1-yl)-N-(6-chloronaphthalene-2-ylsulfonyl)amino]acetate under reflux in the presence of p-MeC6H4SO3H.H2O using a Dean-Stark trap to give 6-acetoxy-1,4-diaza-1'-benzyl-4-(6-chloronaphthalene-2-ylsulfonyl)-7-oxaspiro[bicyclo[4.3.0]nonan-8,4'-piperidine]-2-one which underwent sapon. with a mixt. of aq. NaOH and MeOH, methylation by di-Me sulfate, and debenzylation with 1-chloroethyl chloroformate to give 1,4-diaza-4-(6-chloronaphthalene-2-ylsulfonyl)-6-(methoxymethyl)-7-oxaspiro[bicyclo[4.3.0]nonan-8,4'-piperidine]-2-one hydrochloride. The latter compd. was condensed with 4-chloropyridine hydrochloride in the presence of diisopropylethylamine in 2-ethoxyethanol under reflux for 2 h to give 1,4-diaza-4-(6-chloronaphthalene-2-ylsulfonyl)-6-(methoxymethyl)-7-oxo-1'-(4-pyridyl)-spiro[bicyclo[4.3.0]nonan-8,4'-piperidine]-2-one (II; R = CH2OMe). II (R = CH2OMe) and II (R = CO2Et) showed IC50 of 0.0032 and 0.0015 .mu.M, resp., against Fxa.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 31 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:12258 CAPLUS
DN 134:80806
TI Methods of treating fungal infections with inhibitors of NAD synthetase
IN Brouillette, Wayne J.; Brouillette, Christie G.; Delucas, Lawrence J.
PA The UAB Research Foundation, USA
SO PCT Int. Appl., 149 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001000197	A2	20010104	WO 2000-US18029	20000629
WO 2001000197	A3	20010907		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG US 1999-141436PP 19990629 EP 1194135 A2 20020410 EP 2000-943322 20000629 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO US 1999-141436PP 19990629 WO 2000-US18029W 20000629 BR 2000012135 A 20020702 BR 2000-12135 20000629 US 1999-141436PP 19990629				

US 2003083269	A1	20030501	WO 2000-US18029W 20000629
			US 2002-80279 20020222
			US 1998-71399P P 19980114
			US 1998-97880P P 19980825
			WO 1999-US810 A119990114
			US 1999-141436PP 19990629
			WO 1999-US14839A119990630
			US 2000-606256 A220000629
			WO 2000-US18029A220000629
			US 2000-218405PP 20000714
			US 2000-617258 A220000714
			WO 2001-US22203A220010713

PATENT FAMILY INFORMATION:

FAN 1999:464294

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9936422	A1	19990722	WO 1999-US810	19990114
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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			US 1998-71399P P 19980114	
			US 1998-97880P P 19980825	
CA 2317439	AA	19990722	CA 1999-2317439	19990114
			US 1998-71399P P 19980114	
			US 1998-97880P P 19980825	
			WO 1999-US810 W 19990114	
EP 1047692	A1	20001102	EP 1999-900821	19990114
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
			US 1998-71399P P 19980114	
			US 1998-97880P P 19980825	
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JP 2002509149	T2	20020326	JP 2000-540138	19990114
			US 1998-71399P P 19980114	
			US 1998-97880P P 19980825	
			WO 1999-US810 W 19990114	
CA 2341506	AA	20000302	CA 1999-2341506	19990630
			US 1998-97880P P 19980825	
			WO 1999-US810 W 19990114	
			WO 1999-US14839W 19990630	
WO 2000010996	A1	20000302	WO 1999-US14839	19990630
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			US 1998-97880P P 19980825	
			WO 1999-US810 A219990114	
AU 9949639	A1	20000314	AU 1999-49639	19990630

EP 1109805	A1	20010627	US 1998-97880P P 19980825
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			WO 1999-US14839W 19990630
			EP 1999-933622 19990630
JP 2002523412	T2	20020730	US 1998-97880P P 19980825
			WO 1999-US810 W 19990114
			WO 1999-US14839W 19990630
AU 9920317	A1	19990802	JP 2000-566269 19990630
			US 1998-97880P P 19980825
			WO 1999-US810 W 19990114
			WO 1999-US14839W 19990630
US 6500852	B1	20021231	AU 1999-20317 19990802
			US 1998-71399P P 19980114
			US 1998-97880P P 19980825
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			US 2000-617258 20000714
			US 1998-71399P P 19980114
			US 1998-97880P P 19980825
			WO 1999-US810 A219990114
			WO 1999-US14839A119990630
US 2003083269	A1	20030501	US 2002-80279 20020222
			US 1998-71399P P 19980114
			US 1998-97880P P 19980825
			WO 1999-US810 A119990114
			US 1999-141436PP 19990629
			WO 1999-US14839A119990630
			US 2000-606256 A220000629
			WO 2000-US18029A220000629
			US 2000-218405PP 20000714
			US 2000-617258 A220000714
			WO 2001-US22203A220010713
FAN 2002:89769			
PATENT NO.	KIND	DATE	APPLICATION NO. DATE
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PI WO 2002007516	A2	20020131	WO 2001-US22203 20010713
WO 2002007516	A3	20020627	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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			US 2000-218405PP 20000714
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			US 2000-218405PP 20000714
			WO 2001-US22203W 20010713
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WO 2003006628	A2	20030123	WO 2002-US5172 20020222
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 US 1998-71399P P 19980114
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 WO 1999-US14839A119990630
 US 2000-606256 A220000629
 WO 2000-US18029A220000629
 US 2000-218405PP 20000714
 US 2000-617258 A220000714
 WO 2001-US22203A220010713
 FAN 2003:334644
 PATENT NO. KIND DATE APPLICATION NO. DATE

 PI US 2003083269 A1 20030501 US 2002-80279 20020222
 US 1998-71399P P 19980114
 US 1998-97880P P 19980825
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 WO 2000010996 A1 20000302 WO 1999-US14839 19990630
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 US 1998-97880P P 19980825
 WO 1999-US810 A219990114

WO 2001000197 A2 20010104 WO 2000-US18029 20000629
 WO 2001000197 A3 20010907
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 US 6500852 B1 20021231 US 1999-141436PP 19990629
 US 2000-617258 20000714
 US 1998-71399P P 19980114
 US 1998-97880P P 19980825
 WO 1999-US810 A219990114
 WO 1999-US14839A119990630
 WO 2002007516 A2 20020131 WO 2001-US22203 20010713
 WO 2002007516 A3 20020627
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 US 2000-218405PP 20000714

OS MARPAT 134:80806
 AB The invention provides methods of treating or preventing fungal infections in a host comprising administering a yeast NAD synthetase inhibitor. The invention further provides a method of killing yeast comprising administering a yeast NAD synthetase compd. that selectively binds to catalytic sites in yeast whereby the yeast is killed.

L5 ANSWER 32 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:881124 CAPLUS
 DN 134:42141
 TI Preparation of novel heterocyclic carboxamide derivatives as spleen tyrosine kinase inhibitors
 IN Hisamichi, Hiroyuki; Kawazoe, Souichirou; Tanabe, Kazuhito; Ichikawa, Atsushi; Orita, Akiko; Suzuki, Takayuki; Onda, Kenichi; Takeuchi, Makoto
 PA Yamanouchi Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000075113	A1	20001214	WO 2000-JP3767	20000609
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

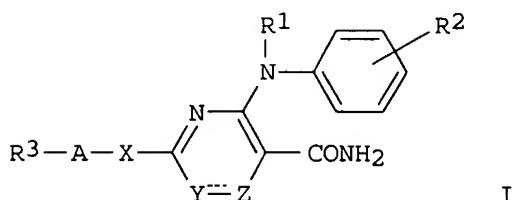
JP 2001055378 A2 20010227 JP 1999-162692 A 19990609
JP 2000-171185 20000607

EP 1184376 A1 20020306 JP 1999-162692 A 19990609
EP 2000-935619 20000609

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

JP 1999-162692 A 19990609
WO 2000-JP3767 W 20000609

OS MARPAT 134:42141
GI



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AB Nitrogenous six-membered heterocycle compds. bearing as the substituents -X-A-R3, -N-(R1)-(R2-substituted Ph) and -CONH2 [I; wherein A = (substituted) lower alkylene, (substituted) (hetero)arylene, cycloalkylene; X = NR4, CONR4, NR4CO, O, S; the dotted line between Y and Z represents the presence of a bond (Y:Z) or the absence of a bond (Y-Z); Y-Z = NR5-CO, CO-NR5, NR5-NR5, CO-CO; Y:Z = N:CR1, CR7:N, N:N, CR7:CR7; R4 = each H, lower alkyl, -CO-lower alkyl, or -SO2-lower alkyl; R2 = H, (halo-substituted) lower alkyl, -O-lower alkyl, -S-lower alkyl, -O-aryl, nitro, cyano, or the like; R3 = -CO2H, -CO2-lower alkyl, -lower alkylene-CO2H, -NH2, -alkylene-NH2, or the like; R5 = H, lower alkyl; R6 = lower alkyl, OH, -O-lower alkyl, -O-(substituted) aryl, -O-lower alkylene-(substituted) aryl, -NR1-(substituted) aryl, -CO-lower alkyl-(substituted) aryl; R7 = H, R6] salts or prodrugs thereof are prepd. Also claimed are spleen tyrosine kinase (Syk) inhibitors contg. the compds. I or the salts or the prodrugs thereof as the active ingredient. The compds. I are useful for the prevention or treatment of allergies, inflammations, autoimmune diseases, cancers, transplant rejection, graft-vs.-host diseases, and thrombosis. Thus, 2.76 mL cis-1,2-cyclohexanediamine was added to a mixt. of 605 mg 6-chloro-2-(3-methylanilino)pyridine-3-carboxamide and 10 mL MeCN and refluxed for 5 days to give 230 mg 6-(cis-2-aminohexylamino)-2-(3-methylanilino)pyrazine-3-carboxamide (II). II showed IC50 of .1toeq.0.05 .mu.M against Syk, good inhibition against passive cutaneous anaphylaxis (PCA) in mice sensitized by anti-dinitrophenyl-IgE (DNP-IgE), and IC50 of .1toeq.0.1 .mu.M against serotonin release according to the assay described by Collado-Escobar (J. Immunol. 144, 1990).

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 33 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:842099 CAPLUS

DN 134:29403

TI Preparation of heterocycle-contg. phenylacetodrazide derivatives as

hypolipidemics

IN Suga, Akira; Imanishi, Naoki; Kubota, Hideki; Miura, Masanori; Umemoto, Kenji; Moritani, Hiroshi; Matsuda, Koyo

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

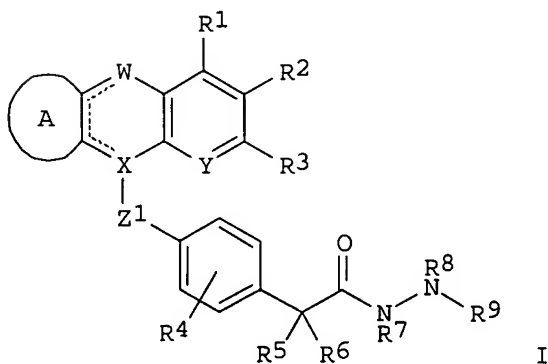
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

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OS MARPAT 134:29403

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AB Hydrazide derivs. represented by general formula [I; R1 - R6 = H, halo, (un)substituted hydrocarbyl or heterocyclyl, CO₂H, lower alkyloxy-carbonyl, CHO, lower alkyl-carbonyl, lower alkyl-thio; R7, R8, R9 = H, (un)substituted hydrocarbyl, Z2-Q; or R8 and R9 form (un)substituted N-contg. heterocyclic ring; R10 = H, (un)substituted lower alkyl; ring A = (un)substituted benzene, pyridine, or cyclohexene; Q = (un)substituted hydrocarbyl or heterocyclyl; Z1 = lower alkylene, S, (un)substituted NH, SO₂, (un)substituted CONH; Z2 = bond, CO, (un)substituted CONH; W = bond, O, NH, S, CO; X, Y = N, CH], which have an inhibitory effect on apo B-assocd. lipoprotein secretion, are prepd. The above compds. are useful as drugs for lowering blood lipid, cholesterol, or triglyceride level or treating arteriosclerosis, obesity, or pancreatitis. Thus, 2-cyclopentyl-2-[4-[(2,4-dimethyl-9H-pyrido[2,3-b]indol-9-yl)methyl]phenyl]acetic acid (prepn. given) was suspended in CHCl₃, followed by successively adding 1-hydroxybenzotriazole, 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride,

phenylhydrazine, and Et3N under ice-cooling, and the resulting mixt. was gradually warmed to room temp. and stirred overnight at room temp. to give 2-cyclopentyl-2-[4-[(2,4-dimethyl-9H-pyrido[2,3-b]indol-9-yl)methyl]phenyl]-2'-phenylacetohydrazide (II). II at 0.5% methylcellulose suspension per day for 7 days lowered serum non-HDL cholesterol with ED50 of 0.15 mg/kg in rats fed with high lipid food contg. 1.5% cholesterol, 0.5% cholic acid, and 10% coconut oil.

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 34 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:814310 CAPLUS

DN 133:359255

TI Nitrosated and nitrosylated potassium channel activators, compositions, and methods of use

IN Garvey, David S.; Saenz De Tejada, Inigo

PA Nitromed, Inc., USA

SO PCT Int. Appl., 112 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000067754	A1	20001116	WO 2000-US12957	20000512
	W:				
					AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
	RW:				GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
				US 1999-133888PP	19990512
	US 6417207	B1	20020709	US 2000-570727	20000512
				US 1999-133888PP	19990512
	US 2002143188	A1	20021003	US 2002-154916	20020528
				US 1999-133888PP	19990512
				US 2000-570727 A3	20000512

OS MARPAT 133:359255

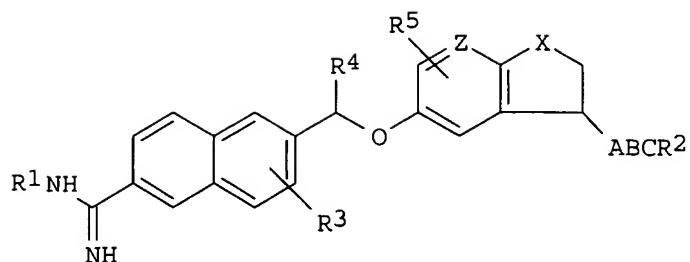
AB The invention describes nitrosated and/or nitrosylated potassium channel activators, as well as compns. comprising at least one nitrosated and/or nitrosylated potassium channel activator and, optionally, at least one compd. that donates, transfers or releases nitric oxide, elevates endogenous levels of endothelium-derived relaxing factor, stimulates endogenous synthesis of nitric oxide, or is a substrate for nitric oxide synthase, and/or at least one vasoactive agent. The invention also provides compns. comprising at least one potassium channel activator and at least one compd. that donates, transfers or releases nitric oxide, elevates endogenous levels of endothelium-derived relaxing factor, stimulates endogenous synthesis of nitric oxide, or is a substrate for nitric oxide synthase, and/or at least one vasoactive agent. The invention further provides methods for treating or preventing sexual dysfunction in males and females, for enhancing sexual response in males and females, and for treating or preventing cardiovascular disorders, cerebrovascular disorders, hypertension, asthma, baldness, urinary incontinence, epilepsy, sleep disorders, gastrointestinal disorders,

migraines, irritable bowel syndrome, and sensitive skin.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 35 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:790466 CAPLUS
DN 133:350058
TI Preparation of 6-[[[aryl and heteroaryl)oxy)methyl]naphthalene-2-
carboximidamide derivatives and their antithrombotic activity
IN Alcouffe, Chantal; Bellevergue, Patrice; Dellac, Genevieve; Latham,
Christopher; Lassalle, Gilbert; Mallart, Sergio; Martin, Valerie; Masson,
Christine; Mccort, Gary
PA Sanofi-Synthelabo, Fr.
SO PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000066545	A1	20001109	WO 2000-FR1087	20000425
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2793247	A1	20001110	FR 1999-5632	A 19990504
FR 2793247	B1	20010622	FR 1999-5632	19990504
EP 1177169	A1	20020206	EP 2000-922738	20000425
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			FR 1999-5632	A 19990504
			WO 2000-FR1087 W	20000425
BR 2000010230	A	20020213	BR 2000-10230	20000425
			FR 1999-5632	A 19990504
			WO 2000-FR1087 W	20000425
JP 2002543176	T2	20021217	JP 2000-615376	20000425
			FR 1999-5632	A 19990504
			WO 2000-FR1087 W	20000425
EE 200100579	A	20030217	EE 2001-579	20000425
			FR 1999-5632	A 19990504
			WO 2000-FR1087 W	20000425
BG 106048	A	20020531	BG 2001-106048	20011024
			FR 1999-5632	A 19990504
			WO 2000-FR1087 W	20000425
NO 2001005387	A	20020107	NO 2001-5387	20011102
			FR 1999-5632	A 19990504
			WO 2000-FR1087 W	20000425
OS MARPAT 133:350058				
GI				



AB The title compds. I [R1 = H, amino, C1-C4 alkyl, C1-C6 alkoxy carbonyl, OH; R2 = C1-C6 alkyl, Ph, benzyl, CH2Q wherein Q is a heterocyclic group; R3 and R5 = H, C1-C4 alkyl, COOH; R4 = H, C1-C4 alkyl, (CH2)_pCOOR8; Z = CH, N], antithrombotic agents, were prepd. E.g., 6-[[[8-[[[(thiazol-4-ylmethyl)sulfonyl]amino]methyl]-5,6,7,8-tetrahydronaphthalen-2-yl]oxy]methyl]naphthalene-2-carboximidamide hydrochloride was prepd.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 36 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:725595 CAPLUS

DN 133:266596

TI Preparation of amino acids and derivatives as LTA4 hydrolase inhibitors

IN Danvy, Denis; Monteil, Thierry; Plaquevent, Jean-Christophe; Duhamel, Pierre; Duhamel, Lucette; Noel, Nadine; Gros, Claude; Chamard, Olivier; Schwartz, Jean-Charles; Lecomte, Jeanne-Marie; Piettre, Serge

PA Institut National de la Sante et de la Recherche Medicale (Inserm), Fr.; Bioprojet; et al.

SO PCT Int. Appl., 108 pp.

CODEN: PIXXD2

DT Patent

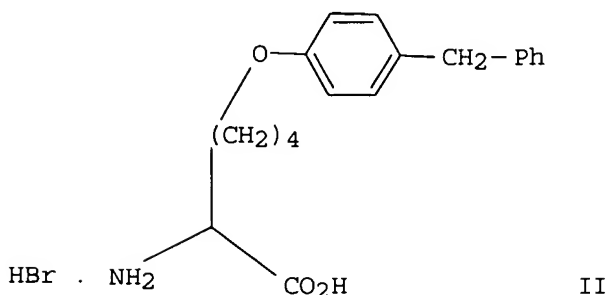
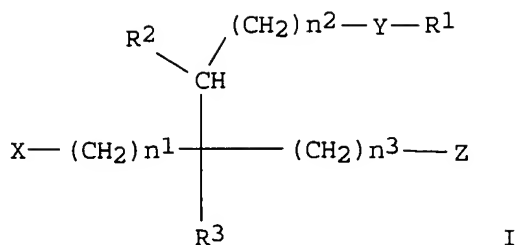
LA French

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000059864	A1	20001012	WO 2000-FR876	20000406
W: CA, JP, KR, MX, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
FR 2791982	A1	20001013	FR 1999-4271	A 19990406
FR 2791982	B1	20021227	FR 1999-4271	19990406
EP 1165491	A1	20020102	EP 2000-917145	20000406
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2003506317	T2	20030218	JP 2000-609377	20000406
			FR 1999-4271	A 19990406
			WO 2000-FR876	W 20000406
			FR 1999-4271	A 19990406
			WO 2000-FR876	W 20000406

OS MARPAT 133:266596

GI



AB The invention concerns LTA4 hydrolase-inhibiting compds. I [R1 = H, alkyl, cycloalkyl, (un)substituted Ph, naphthyl, anthracene, heterocycle; R2, R3 = independently H, alkyl, CF3, halogen; n1 and n3 = same or 0-1; n2 = 0-10; X = NH2, N:CR4R5; R4, R5 = H, alkyl, (un)substituted phenyl; Y = O, CH2, S, OCH2, NH; Z = carboxylate, phosphate, phosphite, heterocycle, SO3H, sulfonamide, aminosulfonyl]; and their isomers, diastereomers, enantiomers, and pharmaceutically acceptable salts. The invention also concerns their therapeutic, and particularly anti-inflammatory, applications. Thus, amino acid II was prepd. and tested in mice for its inhibitory activity against LTA4 hydrolase and as antiarthritics and antipsoriatics.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 37 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:666731 CAPLUS

DN 133:237998

TI Preparation of tricyclic benzoylpyrazoles as herbicides.

IN Witschel, Matthias; Kudis, Steffen; Langemann, Klaus; Baumann, Ernst; Von Deyn, Wolfgang; Mayer, Guido; Misslitz, Ulf; Neidlein, Ulf; Otten, Martina; Westphalen, Karl-Otto; Walter, Helmut

PA BASF Aktiengesellschaft, Germany

SO PCT Int. Appl., 168 pp.

CODEN: PIXXD2

DT Patent

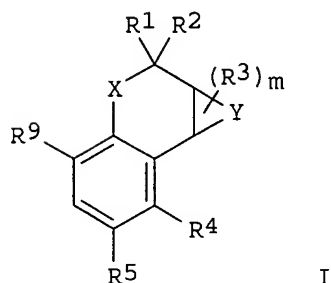
LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000055158	A1	20000921	WO 2000-EP2010	20000308
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW,				

AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 DE 1999-19911219A 19990312
 EP 1163240 A1 20011219 EP 2000-915171 20000308
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 DE 1999-19911219A 19990312
 WO 2000-EP2010 W 20000308
 JP 2002539211 T2 20021119 JP 2000-605587 20000308
 DE 1999-19911219A 19990312
 WO 2000-EP2010 W 20000308

OS MARPAT 133:237998
 GI



AB Title compds. [I; X = O, S, SO, SO₂, CR₆R₇, NR₈, bond; Y = atoms to form a satd., partially satd. or unsatd. 5- or 6-membered heterocycle; R₁, R₂, R₆, R₇ = H, alkyl, haloalkyl, alkoxy, haloalkoxy; R₃ = halo, alkyl, haloalkyl, alkoxy, haloalkoxy; R₄ = H, NO₂, halo, cyano, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, (substituted) aminosulfonyl; R₅ = H, alkyl, halo; m = 0, 1, 2; R₈ = H, alkyl, haloalkyl, alkylcarbonyl, formyl, alkoxy carbonyl, haloalkoxy carbonyl, alkylsulfonyl, haloalkylsulfonyl; R₉ = substituted pyrazole-4-ylcarbonyl, 5-oxopyrazolin-4-ylmethylides], were prepd. Thus, (5-hydroxy-1-methyl-1H-pyrazol-4-yl) (8-methylsulfonyl-3a,4-dihydro-3H-indeno[1,2-c]isoxazol-5-yl)methanone (prepn. given) in THF was treated with Et₃N and PhCOCl in THF followed by stirring overnight to give 31% (5-phenylcarbonyloxy-1-methyl-1H-pyrazol-4-yl) (8-methylsulfonyl-3a,4-dihydro-3H-indeno[1,2-c]isoxazol-5-yl)methanone. The latter at 0.25-0.5 kg/ha showed very good postemergent herbicidal activity.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 38 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:608693 CAPLUS
 DN 133:207808
 TI Asymmetric cycloaddition reactions using transition metal chiral Schiff base complexes
 IN Jacobsen, Eric N.; Schaus, Scott E.; Dossetter, Alexander G.; Jamison, Timothy F.

PA President and Fellows of Harvard College, USA

SO PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000050365	A1	20000831	WO 2000-US4742	20000223
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6211370	B1	20010403	US 1999-255480 A	19990223
				US 1999-255480	19990223
				US 1998-6104	A219980113

PATENT FAMILY INFORMATION:

FAN 1999:464250

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9936375	A1	19990722	WO 1998-US24971	19981120
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6130340	A	20001010	US 1998-6104	A 19980113
	AU 9915990	A1	19990802	US 1998-6104	19980113
				AU 1999-15990	19981120
				US 1998-6104	A 19980113
				WO 1998-US24971W	19981120

FAN 2001:241784

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6211370	B1	20010403	US 1999-255480	19990223
				US 1998-6104	A219980113
	US 6130340	A	20001010	US 1998-6104	19980113
	WO 2000050365	A1	20000831	WO 2000-US4742	20000223
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 2002004602	A1	20020110	US 1999-255480 A	19990223
	US 6369223	B2	20020409	US 2001-755612	20010104
				US 1998-6104	A219980113
				US 1999-255480 A1	19990223

OS MARPAT 133:207808

AB The present invention relates to a process for stereoselective cycloaddn. reactions which generally comprises a cycloaddn. reaction between a pair of substrates (1,3-diene and aldehyde), each either chiral or prochiral, that contain reactive .pi.-systems, in the presence of a nonracemic transition metal Schiff base chiral complex catalyst, to produce a stereoisomerically enriched product. The present invention also relates to novel asym. catalyst complexes comprising a metal and an asym. tridentate ligand.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 39 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:607388 CAPLUS

DN 133:207886

TI Preparation of alkyliminoindanothiazoles and analogs as anorectic agents
 IN Jaehne, Gerhard; Geisen, Karl; Lang, Hans-jochen; Bickel, Martin
 PA Aventis Pharma Deutschland GmbH, Germany
 SO Ger. Offen., 16 pp.

CODEN: GWXXBX

DT Patent

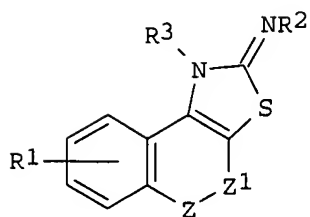
LA German

FAN.CNT 1

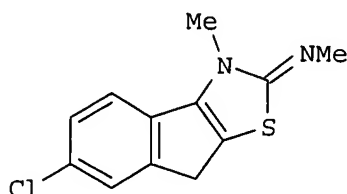
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19908536	A1	20000831	DE 1999-19908536	19990226
	WO 2000051996	A1	20000908	WO 2000-EP926	20000205
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				DE 1999-19908536A	19990226
EP 1157013	A1	20011128	EP 2000-906286	20000205	
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				DE 1999-19908536A	19990226
				WO 2000-EP926 W	20000205
BR 2000008559	A	20011218	BR 2000-8559	20000205	
				DE 1999-19908536A	19990226
				WO 2000-EP926 W	20000205
JP 2002538149	T2	20021112	JP 2000-602223	20000205	
				DE 1999-19908536A	19990226
				WO 2000-EP926 W	20000205
US 6207689	B1	20010327	US 2000-500464	20000209	
				DE 1999-19908536A	19990226
US 6288093	B1	20010911	US 2000-697151	20001027	
				DE 1999-19908536A	19990226
				US 2000-500464 A320000209	
US 2001011096	A1	20010802	US 2001-774053	20010131	
US 6288094	B2	20010911			
				DE 1999-19908536A	19990226
				US 2000-500464 A320000209	

OS MARPAT 133:207886

GI



I



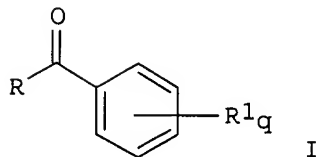
II

AB Title compds. [I; R1 = 1 or 2 of halo, alkyl, alkoxy, acyl, etc.; R2,R3 =

(carboxy)alkyl, CH₂Ph, pyridinyl(alkyl), etc.; R₂R₃ = (CH₂)₂₋₄ or CH₂CMe₂; Z = O, S, CH₂, CHPh; Z₁ = bond, CH₂, CH₂CH₂] were prepd. Thus, 2-bromo-5-chloro-1-indanone was cyclocondensed with (MeHN)2CS and the product treated with HOAc to give title compd. II.HBr. Data for biol. activity of I were given.

L5 ANSWER 40 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:349132 CAPLUS
 DN **132:330878**
 TI Combinations of herbicides and safeners.
 IN Ziemer, Frank; Willms, Lothar; Bieringer, Hermann; Hacker, Erwin
 PA Aventis Cropscience G.m.b.H., Germany
 SO Ger. Offen., 28 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19853827	A1	20000525	DE 1998-19853827	19981121
	WO 2000030447	A1	20000602	WO 1999-EP8470	19991105
	W:			AE, AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CR, CU, CZ, DM, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
	RW:			GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
	BR 9915516	A	20010717	DE 1998-19853827A	19981121
				BR 1999-15516	19991105
				DE 1998-19853827A	19981121
				WO 1999-EP8470 W	19991105
	EP 1130965	A1	20010912	EP 1999-972493	19991105
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO	
				DE 1998-19853827A	19981121
				WO 1999-EP8470 W	19991105
	JP 2002530301	T2	20020917	JP 2000-583345	19991105
				DE 1998-19853827A	19981121
				WO 1999-EP8470 W	19991105
	BG 105474	A	20011130	BG 2001-105474	20010425
				DE 1998-19853827A	19981121
				WO 1999-EP8470 W	19991105
OS	MARPAT 132:330878				
GI					



AB Safened herbicidal compns. are described contg. at least one herbicide ad

one antidote. The herbicide is a benzoyl deriv. I [R = isoxazol-4-yl, pyrazol-4-yl, cyclohexan-1,3-dion-2-yl or 3-oxopropionitril-2-yl; R1 = (un)substituted nitro, amino, halo, etc., q = 0, 1-4]. The antidote is e.g. 2,4-D, cyometrinil, dicamba, dymron, fencloir, flurazole, fluxofenim, lactidichlor, MCPA, mecoprop, MG-191, oxabetrinil, Me diphenylmethoxyacetate, 1-[4-(N-2-methoxybenzoylsulfamoyl)phenyl]-3-methylurea, 1,8-naphthalic anhydride, 1-[4-(N-2-methoxybenzoylsulfamoyl)phenyl]-3,3-dimethylurea, 1-[4-(4,5-dimethylbenzoylsulfamoyl)phenyl]-3-methylurea, 1-[4-(N-naphthoylsulfamoyl)phenyl]-3,3-dimethylurea, (4-chlorophenoxy)acetic acid, 4-(2,4-dichlorophenoxy)butyric acid, 4-(4-chloro-o-tolyloxy)butyric acid, 4-(4-chlorophenoxy)butyric acid, free, esterified, or salts, N-acylsulfonamides, N-acylsulfamoylbenzoic acid amides as well as substituted 1-phenylpyrazoline, 1-phenylpyrazole, 1-phenyltriazole, 5-phenylisoxazoline, 5-phenylmethylisoxazolin-3-carboxylic acid and 2-(8-quinolinyloxy)acetic acid derivs.

L5 ANSWER 41 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:335393 CAPLUS

DN 132:347578

TI Preparation of arylaminopyrimidines as inhibitors of HIV replication.

IN De Corte, Bart; De Jonge, Marc Rene; Heeres, Jan; Ho, Chih Yung; Janssen, Paul Adriaan Jan; Kavash, Robert W.; Koymans, Lucien Maria Henricus; Kukla, Michael Joseph; Ludovici, Donald William; Van Aken, Koen Jeanne Alfons

PA Janssen Pharmaceutica N.V., Belg.; et al.

SO PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DT Patent

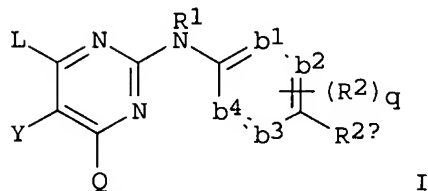
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2000027825	A1	20000518	WO 1999-EP7417	19990924	
	W:			AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:			GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
				US 1998-107792PP	19981110	
				US 1999-143962PP	19990715	
	AU 9962008	A1	20000529	AU 1999-62008	19990924	
	AU 762523	B2	20030626			
				US 1998-107792PP	19981110	
				US 1999-143962PP	19990715	
				WO 1999-EP7417 W	19990924	
	BR 9915552	A	20010814	BR 1999-15552	19990924	
				US 1998-107792PP	19981110	
				US 1999-143962PP	19990715	
				WO 1999-EP7417 W	19990924	
	EE 200100252	A	20021015	EE 2001-252	19990924	
				US 1998-107792PP	19981110	
				US 1999-143962PP	19990715	
				WO 1999-EP7417 W	19990924	

EP 1002795	A1	20000524	EP 1999-203590	19991101
EP 1002795	B1	20030305		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
EP 1270560	A1	20030102	EP 2002-18455	19991101
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
			EP 1999-203590 A3	19991101
AT 233740	E	20030315	AT 1999-203590	19991101
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
US 2003114472	A1	20030619	US 1999-430966	19991101
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 A	19990924
HR 2001000161	A1	20020228	HR 2001-161	20010307
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
NO 2001001696	A	20010404	NO 2001-1696	20010404
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 W	19990924
BG 105418	A	20011130	BG 2001-105418	20010406
			US 1998-107792PP	19981110
			US 1999-143962PP	19990715
			WO 1999-EP7417 A	19990924

OS MARPAT 132:347578
GI



AB Title compds. [I; b1:b2CR2a:b3b4 = CH:CHCR2a:CHCH, N:CHCR2a:CHCH, CH:NCR2a:CHCH, N:NCR2a:CHCH, CH:NCR2a:NCH, etc.; q = 0-4; R1 = H, aryl, CHO, formylalkyl, alkylcarbonyl alkyl, alkoxycarbonyl, etc.; R2a = cyano, aminocarbonyl, cyanoalkyl, cyanoalkenyl, cyanoalkynyl, etc.; R2 = OH, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, alkoxy, etc.; L = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, XR3; R3 = (substituted) Ph, pyridyl, pyrimidyl, pyrazinyl, pyridazinyl; X = NR1, NHNH, N:N, O, CO, S, SO, SO2, CHOH; Q = H, alkyl, halo, polyhaloalkyl, amino; Y = OH, halo, cycloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, substituted alkyl, etc.], were prepd. Thus, 5-bromo-4-chloro-N-(2,4,6-

trimethylphenyl)-2-pyrimidineamine (prepn. given) was treated with HCl in Et2O followed by solvent evapn.; 4-aminobenzonitrile and 1,4-dioxane were added and the mixt. was refluxed 4 days to give 4-[[5-chloro-2-[(2,4,6-trimethylphenyl)amino]-4-pyrimidinyl]amino]benzonitrile. The latter inhibited HIV-1 infection of MT-4 cells with IC50 = 0.004 .mu.M.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 42 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:277989 CAPLUS

DN 132:313703

TI Heterocyclic condensed ring compounds in treatment and/or prevention of conditions mediated by peroxisome proliferator-activated receptors.

IN Jeppesen, Lone; Bury, Paul Stanley; Sauerberg, Per

PA Novo Nordisk A/S, Den.; Reddy's Research Foundation

SO PCT Int. Appl., 59 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000023451	A1	20000427	WO 1999-DK573	19991019
	W:				
					AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
	RW:				GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
				DK 1998-1354	A 19981021
	AU 9963257	A1	20000508	AU 1999-63257	19991019
				DK 1998-1354	A 19981021
				WO 1999-DK573	W 19991019
	EP 1123297	A1	20010816	EP 1999-950503	19991019
	R:				AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
				DK 1998-1354	A 19981021
				WO 1999-DK573	W 19991019
	US 6365586	B1	20020402	US 1999-420347	19991019
				DK 1998-1354	A 19981021
				US 1998-105913PP	19981021
	JP 2002527520	T2	20020827	JP 2000-577177	19991019
				DK 1998-1354	A 19981021
				WO 1999-DK573	W 19991019
	US 2002055502	A1	20020509	US 2001-994986	20011127
				DK 1998-1354	A 19981021
				US 1998-105913PP	19981028
				US 1999-420347	A319991019
	US 2002061876	A1	20020523	US 2001-995177	20011127
				DK 1998-1354	A 19981021
				US 1998-105913PP	19981028
				US 1999-420347	A319991019
	US 2002061880	A1	20020523	US 2001-995324	20011127
				DK 1998-1354	A 19981021
				US 1998-105913PP	19981028

US 2002065267	A1	20020530	US 1999-420347 A319991019
			US 2001-994971 20011127
			DK 1998-1354 A 19981021
			US 1998-105913PP 19981028
US 2002065268	A1	20020530	US 1999-420347 A319991019
			US 2001-995137 20011127
			DK 1998-1354 A 19981021
			US 1998-105913PP 19981028
			US 1999-420347 A319991019

OS MARPAT 132:313703

AB Heterocyclic arom. compds. such as 3-[4-[2-(8,9-dihydro-3,5-dithia-4-azacyclopenta{f}azulen-4-yl)ethoxy]phenyl]-2-ethoxypropionic acid are useful in the treatment and/or prevention of conditions mediated by nuclear receptors, in particular the Peroxisome Proliferator-Activated Receptors (PPAR).

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 43 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:205644 CAPLUS

DN 132:237105

TI Preparation of 2-[(alpha-substituted)alkylthio(and alkoxy)]pyrimidines as inhibitors of viral reverse transcriptase

IN Nugent, Richard A.; Schlachter, Stephen T.; Murphy, Michael J.; Morris, Joel; Thomas, Richard C.; Wishka, Donn G.; Cleek, Gary J.; Graber, David R.

PA Pharmacia & Upjohn Company, USA

SO U.S., 97 pp., Cont.-in-part of U.S. Ser. No. 436,708, abandoned.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6043248	A	20000328	US 1997-945153	19971017
			US 1995-436708 B219950508	
			WO 1996-US6119 W 19960503	
WO 9635678	A1	19961114	WO 1996-US6119	19960503
W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK			
RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR			
			US 1995-436708 A219950508	

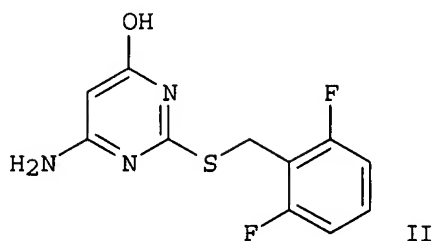
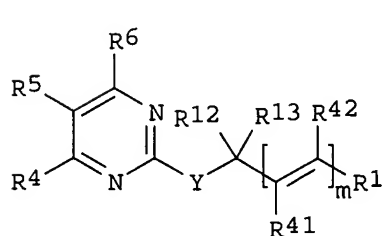
PATENT FAMILY INFORMATION:

FAN 1997:41865

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9635678	A1	19961114	WO 1996-US6119	19960503
W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK			
RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR			
			US 1995-436708 A219950508	
ZA 9603281	A	19971024	ZA 1996-3281	19960424

CA 2216099	AA	19961114	US 1995-436708 A 19950508
			CA 1996-2216099 19960503
AU 9656353	A1	19961129	US 1995-436708 A 19950508
AU 712404	B2	19991104	AU 1996-56353 19960503
			US 1995-436708 A 19950508
			WO 1996-US6119 W 19960503
EP 824524	A1	19980225	EP 1996-913306 19960503
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI			
			US 1995-436708 A 19950508
			WO 1996-US6119 W 19960503
CN 1183773	A	19980603	CN 1996-193791 19960503
			US 1995-436708 A 19950508
BR 9608265	A	19990202	BR 1996-8265 19960503
			US 1995-436708 A 19950508
			WO 1996-US6119 W 19960503
JP 11507017	T2	19990622	JP 1996-534120 19960503
			US 1995-436708 A 19950508
			WO 1996-US6119 W 19960503
RU 2167155	C2	20010520	RU 1997-120116 19960503
			US 1995-436708 A 19950508
			WO 1996-US6119 W 19960503
TW 450962	B	20010821	TW 1996-85105432 19960507
			US 1995-436708 A 19950508
US 6043248	A	20000328	US 1997-945153 19971017
			US 1995-436708 B2 19950508
			WO 1996-US6119 W 19960503
NO 9705129	A	19980107	NO 1997-5129 19971107
			US 1995-436708 A 19950508
			WO 1996-US6119 W 19960503

OS MARPAT 132:237105
GI



AB The title compds. [I; m = 0-1; R1 = C.tplbond.CH, CO2R53, CONR54R55, etc.; R53 = H, alkyl, cycloalkyl, etc.; R54, R55 = H, alkyl, allyl, etc.; R41, R42 = H, alkyl, etc.; R12 = H, alkyl, cycloalkyl, etc.; R13 = H, alkyl, CF3; Y = S, SO, SO2, O; R4 = H, OH, halo, etc.; R5 = H, C2H4OH, halo, etc.; R6 = H, OH, halo, etc.], useful in the treatment of individuals who are HIV pos., were prepd. Thus, treatment of 4-amino-6-hydroxy-2-mercaptopyrimidine in 50% EtOH with solid NaOH followed by addn. of 2,6-difluorobenzyl bromide afforded the title compd. II. Biol. data for compds. I were given.

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 44 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:190760 CAPLUS

DN 132:222437

TI Method for the radical alkylation of arenes

IN Murphy, John; Graham, Stephen

PA Merck Patent G.m.b.H., Germany

SO Eur. Pat. Appl., 27 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 987235	A1	20000322	EP 1999-116091	19990817
	EP 987235	B1	20030312		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

EP 1998-115971 A 19980825

OS CASREACT 132:222437; MARPAT 132:222437

AB The title process comprises a method for the conversion of alkenes or arenes with iodoalkenes, aryl iodides or arenediazonium salts in the presence of hypophosphorous acid or its derivs. and a radical initiator. Thus, O-allyl-3,5-diiodosalicylic acid was refluxed with H3PO2/AIBN/H2O to give 3-methyl-2,3-dihydrobezofuran-7-carboxylic acid.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 45 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:161257 CAPLUS

DN 132:194294

TI Preparation of hydroxamic acid derivatives as proteinase inhibitors

IN Martin, Fiona Mitchell

PA British Biotech Pharmaceuticals Limited, UK

SO PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

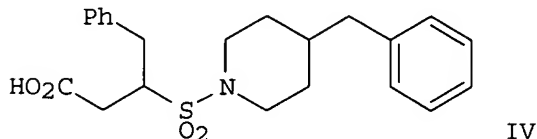
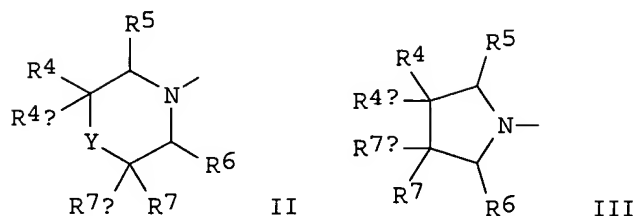
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000012477	A1	20000309	WO 1999-GB2826	19990827
	W: AU, BR, CA, CN, CZ, GB, HU, IL, JP, KR, MX, NO, NZ, PL, RU, SG, SK, TR, US, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				GB 1998-18830	A 19980829
				GB 1998-28525	A 19981223
AU	9956349	A1	20000321	AU 1999-56349	19990827
				GB 1998-18830	A 19980829
				GB 1998-28525	A 19981223
				WO 1999-GB2826	W 19990827
EP	1107953	A1	20010620	EP 1999-943064	19990827
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				GB 1998-18830	A 19980829
				GB 1998-28525	A 19981223
				WO 1999-GB2826	W 19990827
JP	2002523492	T2	20020730	JP 2000-567510	19990827

US 6479502 B1 20021112

US 2003050310 A1 20030313

GB 1998-18830 A 19980829
 GB 1998-28525 A 19981223
 WO 1999-GB2826 W 19990827
 US 2001-763424 20010221
 GB 1998-18830 A 19980829
 GB 1998-28525 A 19981223
 WO 1999-GB2826 W 19990827
 US 2002-242739 20020912
 GB 1998-18830 A 19980829
 GB 1998-28525 A 19981223
 US 2001-763424 A320010221

OS MARPAT 132:194294
 GI



AB The title compds. WSO₂CHR₁CHR₂X [I; X = CO₂H, CONHOH; R₂ = R₃(ALK)_m(Q)_p(ALK)_n (wherein R₃ = H, (un)substituted cycloalkyl, cycloalkenyl, etc.; ALK = (un)substituted divalent alkylene; Q = O, S, SO, etc.; m, n, p = 0-1); R₁ = R₂, except that R₁ is not H; W = II, III (wherein Y = O, S, SO, etc., and R₄-R₇ = R₂, and R_{4a}, R_{7a} = H, alkyl; R₄, R_{4a} and R₅ taken together with the carbon atoms to which they are attached form (un)substituted benzene or pyridine ring fused to cyclic amine ring, and R_{7a} = H, alkyl, and R₆ and R₇ = R₂; etc.)], useful in treating diseases resulting from over prodn. of, or over responsiveness to, MMPs (no data), were prepd. E.g., a multi-step synthesis of the title compd. IV was given.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 46 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:98533 CAPLUS
 DN 132:122631
 TI Preparation of substituted quinazoline derivatives
 IN Gletsos, Constantine
 PA American Home Products Corporation, USA
 SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000006555	A1	20000210	WO 1999-US17035	19990728
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2336802	AA	20000210	US 1998-126292 A	19980730
				CA 1999-2336802	19990728
				US 1998-126292 A	19980730
	AU 9953910	A1	20000221	WO 1999-US17035W	19990728
				AU 1999-53910	19990728
				US 1998-126292 A	19980730
	BR 9912575	A	20010502	WO 1999-US17035W	19990728
				BR 1999-12575	19990728
				US 1998-126292 A	19980730
				WO 1999-US17035W	19990728
	EP 1100788	A1	20010523	EP 1999-939658	19990728
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
				US 1998-126292 A	19980730
				WO 1999-US17035W	19990728
	JP 2002521476	T2	20020716	JP 2000-562358	19990728
				US 1998-126292 A	19980730
				WO 1999-US17035W	19990728
OS	CASREACT 132:122631; MARPAT 132:122631				
GI					

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. [I; X = substituted Ph; R, R1 = H, halo, alkyl, etc.; R2 = H, alkyl, alkoxy, etc.; Y = II, III (wherein R3 = H, alkyl, CO2H, etc.; n = 2-4)], useful as antineoplastic agents (no data), were prepd. by acylating aniline IV with an acid halide or mixed anhydride V or VI (wherein Z = OR4, SR4, halo, etc.; R4 = alkyl, cycloalkyl, Ph; L = Cl, Br, OCOR6; R6 = alkyl, cycloalkyl, Ph) followed by reacting the acetylated compd. with H2NX, and treating the resulting intermediate with a mild base or Lewis acid.

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 47 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

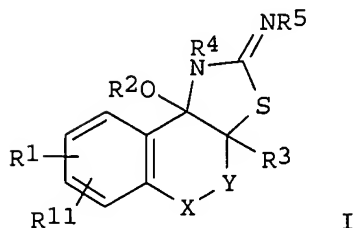
AN 2000:65473 CAPLUS

DN 132:107948

TI Preparation of fused thiazolidinimines as appetite suppressants and antidiabetics.

IN Jaehne, Gerhard; Geisen, Karl; Lang, Hans Jochen
 PA Hoechst Marion Roussel Deutschland G.m.b.H, Germany
 SO Ger. Offen., 44 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19831878	A1	20000127	DE 1998-19831878	19980717
	DE 19831878	C2	20010517		
	CA 2337838	AA	20000127	CA 1999-2337838	19990703
				DE 1998-19831878A	19980717
				WO 1999-EP4644 W	19990703
WO 2000004006	A1	20000127	WO 1999-EP4644	19990703	
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9950308	A1	20000207	DE 1998-19831878A	19980717	
			AU 1999-50308	19990703	
			DE 1998-19831878A	19980717	
			WO 1999-EP4644 W	19990703	
BR 9912151	A	20010410	BR 1999-12151	19990703	
			DE 1998-19831878A	19980717	
			WO 1999-EP4644 W	19990703	
EP 1098891	A1	20010516	EP 1999-934568	19990703	
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002520404	T2	20020709	DE 1998-19831878A	19980717	
			WO 1999-EP4644 W	19990703	
			JP 2000-560113	19990703	
			DE 1998-19831878A	19980717	
			WO 1999-EP4644 W	19990703	
US 6159996	A	20001212	US 1999-351621	19990712	
			DE 1998-19831878A	19980717	
NO 2001000219	A	20010315	NO 2001-219	20010112	
			DE 1998-19831878A	19980717	
			WO 1999-EP4644 W	19990703	
OS	MARPAT 132:107948				
GI					



AB Title compds. [I; e.g., Y = bond, CH₂, CH₂CH₂; X = CH₂, CHMe, CH₂Et, CH₂Pr; R₁ = cyano, CO₂H, alkoxycarbonyl, CONH₂, alkyl, alkenyl, etc.; R₂ = H, alkyl, cycloalkyl, (substituted) phenyl(alkyl), thienyl(alkyl), pyridyl(alkyl), etc.; R₃ = H, alkyl, F, cyano, N₃, alkoxy, (substituted) phenyl(alkyl), thienyl(alkyl), pyridyl(alkyl), etc.; R₄ = alkyl, cycloalkyl, (substituted) phenyl(alkyl), thienyl(alkyl), pyridyl(alkyl), etc.; R₅ = alkyl, cycloalkyl, (substituted) phenyl(alkyl), thienyl(alkyl), pyridyl(alkyl), furyl(alkyl); R₄R₅ = CH₂CH₂, CH₂CMe₂, (CH₂)₃, (CH₂)₄; R₁₁ = H, F, Cl, Br, iodo, Me, CF₃, alkoxy, NO₂, SO₂Me, etc.], were prepd. Thus, 2-bromo-5-(2,2,3,3,4,4,4-heptafluorobutoxy)-1-indanone reacted with N,N'-dimethylthiourea in EtOAc to give 5-(2,2,3,3,4,4,4-heptafluorobutoxy)-3-methyl-2-methylimino-2,3,8,8a-tetrahydroindeno[1,2-d]thiazol-3a-ol. The latter at 50 mg/kg orally gave 98% inhibition in milk consumption by mice.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 48 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:722857 CAPLUS

DN 131:350871

TI Chiral non-racemic catalysts containing Main-group metals and tridentate or tetradentate ligands for asymmetric nucleophilic addition reactions to .pi. bonds

IN Jacobsen, Eric N.; Sigman, Matthew S.

PA President and Fellows of Harvard College, USA

SO PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DT Patent

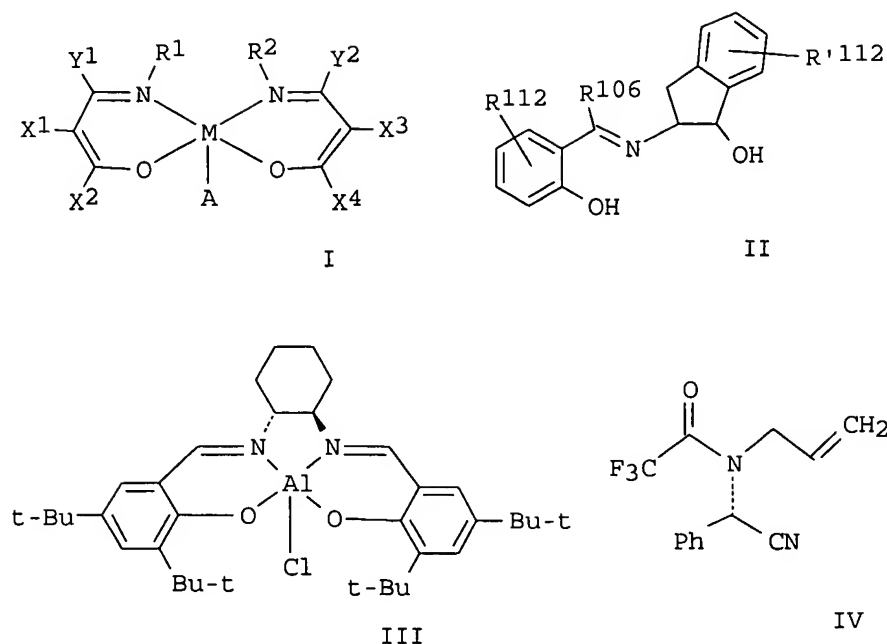
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9956699	A2	19991111	WO 1999-US9570	19990430
	WO 9956699	A3	20000518		
	W: CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6521561	B1	20030218	US 1998-71842 A	19980501
	CA 2329316	AA	19991111	US 1998-71842	19980501
				CA 1999-2329316	19990430
				US 1998-71842 A	19980501
				WO 1999-US9570 W	19990430
EP 1073613	A2	20010207	EP 1999-922765		19990430
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1998-71842 A	19980501
				WO 1999-US9570 W	19990430
JP 2002513734	T2	20020514	JP 2000-546729		19990430
			US 1998-71842 A		19980501
			WO 1999-US9570 W		19990430

OS MARPAT 131:350871

GI



AB The present invention relates to a method and catalysts for the stereoselective addn. of a nucleophile to a reactive .pi.-bond of a substrate. Claimed is a stereoselective nucleophilic addn. reaction of a .pi.-bond-contg. substrate with a nucleophile in the presence of a chiral, non-racemic catalyst to produce a stereoisomerically enriched addn. product. The substrate comprises a C-C or C-heteroatom .pi.-bond, and the nucleophile comprises at least one pair of Lewis basic electrons. The chiral, non-racemic catalysts of the invention constitute the first examples of catalysts for nucleophilic addns. that comprise a Main-group metal and a tri- or tetradentate ligand. One of a no. of preferred chiral non-racemic catalysts of the invention includes metallosalenates I (R1, R2, Y1, Y2, X1-X4 = H, halo, alkyl, alkenyl, alkynyl, OH, alkoxy, siloxy, amino, nitro, SH, amines, imines, amides, phosphonates, phosphines, carbonyls, carboxyls, silyls, ethers, thioethers, sulfonyls, selenoethers, ketones, aldehydes, esters, etc., or any two or more taken together form a 4-8 membered carbocycle or heterocycle which may be a fused ring, with a proviso that requires the .beta.-iminocarbonyls as tetradentate ligand). Other preferred chiral non-racemic catalysts of the invention include various metalloporphyrinates or porphyrin-like complexes, complexes of the tridentate chiral Schiff base ligand II (R106 = H, halo, alkyl, etc.; each R112, R'112 is absent or represents one or more covalent substitutions of the heterocycle to which it is attached), or complexes of various tetradentate azamacrocycles. Catalysts may contain a Main-group metal selected from Groups 1, 2, 12, 13, or 14 of the periodic table. The catalyst may be immobilized on an insol. matrix. The nucleophilic addn. reaction may be enantioselective, diastereoselective, or a diastereoselective reaction which is a kinetic resolu. The .pi.-bond-contg. substrate may include, e.g., aldehydes, conjugated enals, thioaldehydes, conjugated thioenals, selenoaldehydes, conjugated selenoenals, ketones, conjugated enones, thioketones, conjugated thioenones, selenoketones, conjugated selenoenones, imines, oximes, hydrazones, glyoxylates, pyruvates, conjugated enoates, .alpha.,.beta.-unsatd. amides, .alpha.,.beta.-unsatd. imides, lactones,

thionolactones, thiolactones, dithiolactones, lactams, and thiolactams. The reacting nucleophiles may include conjugate bases of weak Bronsted acids, e.g., cyanide, azide, isocyanate, thiocyanate, alkoxide, thioalkoxide, carboxylate, thiocarboxylate, and carbanions. A highly enantioselective hydrocyanation reaction is achieved by this method. Treatment of N-allylbenzaldimine with HCN in the presence of chiral (salen)Al(III) complex III (toluene, -70.degree., 15 h) followed by workup with TFAA affords (S)-(+)-trifluoroacetamide IV in 91% yield, 95% ee. The asym. Strecker-type reaction catalyzed by III provides a straightforward entry into enantiomerically enriched .alpha.-amino acid derivs. Also claimed are chiral catalysts comprising a main-group metal atom or ion, and an asym. tetradentate or tridentate ligand wherein the catalyst catalyzes at least one asym. reaction. The asym. reactions may comprise epoxidn., aziridination, cycloaddn., sigmatropic rearrangement, addn. of nucleophiles to .pi. bonds, ring-opening reactions, hetero-Diels-Alder or hetero-ene reactions, Claisen rearrangements, carbonyl redns., and addn. of nucleophiles to carbonyl groups or to C:N .pi. bonds.

L5 ANSWER 49 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:690954 CAPLUS

DN 131:307106

TI Use of vitamin PP compounds as cytoprotective agents in chemotherapy

IN Biedermann, Elfi; Hasmann, Max; Loser, Roland; Rattel, Benno; Reiter, Friedemann; Schein, Barbara; Schemainda, Isabel; Seibel, Klaus; Vogt, Klaus; Wosikowski, Katja

PA Klinge Pharma GmbH, Germany

SO PCT Int. Appl., 145 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9953920	A1	19991028	WO 1999-EP2686	19990421
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	DE 19818044	A1	19991028	DE 1998-19818044A	19980422
	EP 1031564	A1	20000830	EP 1999-103814	19990226
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	AU 9939282	A1	19991108	AU 1999-39282	19990421
				DE 1998-19818044A	19980422
	EP 1079832	A1	20010307	EP 1999-922119	19990421
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI			
				DE 1998-19818044A	19980422
				WO 1999-EP2686 W	19990421
	JP 2002512190	T2	20020423	JP 2000-544324	19990421
				DE 1998-19818044A	19980422

WO 2000050399 A1 20000831 WO 1999-EP2686 W 19990421
WO 2000-EP1628 20000228
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1999-103814 A 19990226
EP 1154998 A1 20011121 EP 2000-907642 20000228
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
EP 1999-103814 A 19990226
WO 2000-EP1628 W 20000228
JP 2002537380 T2 20021105 JP 2000-600982 20000228
EP 1999-103814 A 19990226
WO 2000-EP1628 W 20000228
US 2002160968 A1 20021031 US 2001-935772 20010823
US 6506572 B2 20030114
EP 1999-103814 A 19990226
WO 2000-EP1628 A120000228

OS MARPAT 131:307106

AB The invention relates to the use of vitamin PP compds. and/or compds. with anti-pellagra activity such as for example nicotinic acid (niacin), and nicotinamide (niacin-amide, vitamin PP, vitamin B3) for the redn., elimination or prevention of side-effects of different degrees as well as for neutralization of acute side-effects in immunosuppressive or cancerostatic chemotherapy or diagnosis, esp. with substituted pyridine carboxamides, as well as combination medicaments with an amt. of compds. with vitamin B3 and/or anti-pellagra activity and chemotherapeutic agents are esp. considered in the mentioned chemotherapies and indications. Nicotinamide at 500 mg/kg twice daily protected mice treated i.p. with antitumor N-[4-(1-diphenylmethylpiperidin-4-yl)butyl]-3-(pyridin-3-yl)propionamide. There were no deaths in the nicotinamide-treated mice and the strong redn. of leukocytes was completely prevented.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 50 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:640847 CAPLUS

DN 131:257572

TI Preparation of benzoxazinones and -thiazinones as serine protease inhibitors

IN Berryman, Kent Alan; Downing, Dennis Michael; Dudley, Danette Andrea; Edmunds, Jeremy John; Narasimhan, Lakshmi Sourirajan; Rapundalo, Stephen Taras

PA Warner-Lambert Company, USA

SO PCT Int. Appl., 175 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

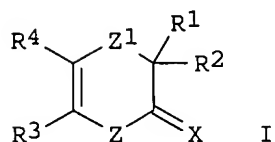
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9950257	A1	19991007	WO 1998-US26708	19981215

W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2319551	AA	19991007	US 1998-80142P P 19980331 CA 1998-2319551 19981215 US 1998-80142P P 19980331 WO 1998-US26708W 19981215
AU 9919183	A1	19991018	AU 1999-19183 19981215 US 1998-80142P P 19980331 WO 1998-US26708W 19981215
BR 9815784	A	20001121	BR 1998-15784 19981215 US 1998-80142P P 19980331 WO 1998-US26708W 19981215
EP 1068191	A1	20010117	EP 1998-963965 19981215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			US 1998-80142P P 19980331 WO 1998-US26708W 19981215
JP 2002509925	T2	20020402	JP 2000-541161 19981215 US 1998-80142P P 19980331 WO 1998-US26708W 19981215
ZA 9902445	A	19991001	ZA 1999-2445 19990330 US 1998-80142P P 19980331
US 6509335	B1	20030121	US 2000-622265 20000814 US 1998-80142P P 19980331 WO 1998-US26708W 19981215
NO 2000004698	A	20000920	NO 2000-4698 20000920 US 1998-80142P P 19980331 WO 1998-US26708W 19981215

OS MARPAT 131:257572
GI



AB Title compds. [I; R1 = cycloalkyl(alkyl), heterocyclyl(alkyl), aryl(alkyl), etc.; R2 = H or alkyl; R3R4 = (un)substituted CH:CHCH:CH, -N:CHCH:CH, -CH:NCH:CH, etc.; X = O, S, NH; Z = Z2Z3R5; R5 = H, (un)substituted (heteroatom-interrupted) alkyl or -cycloalkyl(alkyl); Z1 = O, SOO-2, OCH2, SCH2, etc.; Z2 = bond or (heteroatom-interrupted) (cyclo)alkylene; Z3 = bond, (un)substituted heterocyclylene, -arylene] were prepd. Thus, 4-(MeO)C6H4CH2CO2Me was .alpha.-brominated and the product etherified by 2-(O2N)C6H4OH to give, after reductive cyclization, I [R1 = C6H4(OMe)-4, R2 = H, R3R4 = CH:CHCH:CH, X = Z1 = O] (II; Z = NH) which was N-alkylated by Br(CH2)Br and the product aminated by cis-2,6-dimethylpiperidine to give II [Z =N(CH2)5R5, R5 = cis-2,6-dimethyl-1-piperidiny]. Data for biol. activity of I were given.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 51 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:468087 CAPLUS
 DN **131:129576**
 TI Stereoselective epoxy ring opening reactions using chiral transition
 metal-salen complexes
 IN Jacobsen, Eric N.; Leighton, James L.; Martinez, Luis E.
 PA President and Fellows of Harvard College, USA
 SO U.S., 45 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5929232	A	19990727	US 1996-622549	19960325
				US 1995-403374 A219950314	
	US 5665890	A	19970909	US 1995-403374	19950314
	CA 2213007	AA	19960919	CA 1996-2213007	19960314
				US 1995-403374 A	19950314
	US 6262278	B1	20010717	US 1998-134393	19980814
				US 1995-403374 A219950314	
				US 1996-622549 A219960325	
	US 2002032338	A1	20020314	US 2001-899516	20010705
	US 6448414	B2	20020910		
				US 1995-403374 A219950314	
				US 1996-622549 A219960325	
				US 1998-134393 A119980814	
	US 2003139614	A1	20030724	US 2002-206143	20020726
				US 1995-403374 A219950314	
				US 1996-622549 A219960325	
				US 1998-134393 A119980814	
				US 2001-899516 A120010705	

PATENT FAMILY INFORMATION:

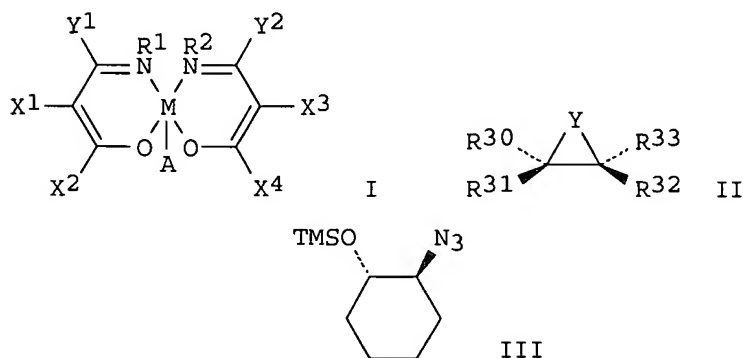
FAN 1996:672656

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628402	A1	19960919	WO 1996-US3493	19960314
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	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML				
				US 1995-403374 A	19950314
	US 5665890	A	19970909	US 1995-403374	19950314
	CA 2213007	AA	19960919	CA 1996-2213007	19960314
				US 1995-403374 A	19950314
	AU 9653639	A1	19961002	AU 1996-53639	19960314
	AU 708622	B2	19990805		
				US 1995-403374 A	19950314
				WO 1996-US3493 W	19960314
	EP 817765	A1	19980114	EP 1996-910448	19960314
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1995-403374 A	19950314
				WO 1996-US3493 W	19960314

JP 11502198	T2	19990223	JP 1996-527817	19960314
			US 1995-403374 A	19950314
PL 184857	B1	20030131	WO 1996-US3493 W	19960314
			PL 1996-327632	19960314
			US 1995-403374 A	19950314
NO 9704234	A	19971113	WO 1996-US3493 W	19960314
			NO 1997-4234	19970912
			US 1995-403374 A	19950314
			WO 1996-US3493 W	19960314
FAN 2000:133645				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2000009463	A1	20000224	WO 1999-US18305	19990813
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
			US 1998-134393 A	19980814
US 6262278	B1	20010717	US 1998-134393	19980814
			US 1995-403374 A2	19950314
CA 2339618	AA	20000224	US 1996-622549 A2	19960325
			CA 1999-2339618	19990813
			US 1998-134393 A	19980814
AU 9956732	A1	20000306	WO 1999-US18305W	19990813
			AU 1999-56732	19990813
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
EP 1104395	A1	20010606	EP 1999-943685	19990813
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
JP 2002522515	T2	20020723	JP 2000-564918	19990813
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
FAN 2001:521942				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 6262278	B1	20010717	US 1998-134393	19980814
			US 1995-403374 A2	19950314
			US 1996-622549 A2	19960325
US 5665890	A	19970909	US 1995-403374	19950314
US 5929232	A	19990727	US 1996-622549	19960325
			US 1995-403374 A2	19950314
CA 2339618	AA	20000224	CA 1999-2339618	19990813
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
WO 2000009463	A1	20000224	WO 1999-US18305	19990813
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
			US 1998-134393 A	19980814
AU 9956732	A1	20000306	AU 1999-56732	19990813
			US 1998-134393 A	19980814
			WO 1999-US18305W	19990813
EP 1104395	A1	20010606	EP 1999-943685	19990813
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			US 1998-134393 A	19980814

JP 2002522515	T2	20020723	WO 1999-US18305W 19990813
			JP 2000-564918 19990813
			US 1998-134393 A 19980814
US 2002032338	A1	20020314	WO 1999-US18305W 19990813
US 6448414	B2	20020910	US 2001-899516 20010705
			US 1995-403374 A219950314
			US 1996-622549 A219960325
			US 1998-134393 A119980814
US 2003139614	A1	20030724	US 2002-206143 20020726
			US 1995-403374 A219950314
			US 1996-622549 A219960325
			US 1998-134393 A119980814
			US 2001-899516 A120010705

OS CASREACT 131:129576; MARPAT 131:129576
GI



AB The present invention relates to a kinetic resolu. process for stereoselective or regioselective chem. synthesis which generally comprises reacting a nucleophile and a chiral or prochiral cyclic substrate in the presence of a non-racemic chiral catalyst to produce a stereoisomerically or regioselectively enriched product. Said chiral catalyst comprises an asym. tetradentate ligand complexed with a metal atom, which complex has a rectangular planar or rectangular pyramidal geometry, e.g. metal-salen complexes (I; R1, R2, Y1, Y2, X1, X2, X3, X4 = hydrogen, halogen, alkyl, alkenyl, alkynyl, hydroxyl, amino, nitro, thiol, amines, imines, amides, phosphoryls, phosphonates, phosphines, carbonyls, carboxyls, silyls, ethers, thioethers, sulfonyls, seleno ethers, ketones, aldehydes, esters, or (CH₂)_mR₇, or any two or more of the substituents taken together form a carbocycle or heterocycle ring having from 4 to 8 atoms in the ring structure; wherein R₇ = aryl, cycloalkyl, cycloalkenyl, heterocycle, polycycle; m = 0 or an integer in the range of 1 to 8; M = the late transition metal; A = a counterion or a nucleophile; provisos given). The substrates are epoxides, thioepoxides, aziridines, or cyclopropanes represented by general formula [II; Y = O, S, NR₅₀, C(R₅₂)(R₅₄), A-B-C; wherein R₅₀ = hydrogen, alkyl, carbonyl-substituted alkyl, carbonyl-substituted aryl, a sulfonate; R₅₂, R₅₄ = an electron-withdrawing group; A, C = absent, C1-5 alkyl, O, S, carbonyl, or NR₅₀; B = carbonyl, thiocarbonyl, phosphoryl, sulfonyl; R₃₀, R₃₁, R₃₂, R₃₃ = org. or inorg. substituent which form a covalent bond with the C1 or C2 carbon atoms of 1-8, and which permit formation of a stable ring structure including Y]. Thus, cyclohexene oxide was added to a mixt. of

chromium-salen complex, (R,R)-[1,2-bis(3,5-di-tert-butylsalicylideneamino)cyclohexane]-chromium (III) chloride (prepn. given) (2 mol%), and Et₂O and stirred for 15 min, followed by adding Me₃SiN₃. The resulting brown soln. was stirred at room temp. for 28 h to give 80% 2-azidocyclohexanol (III) of 94% ee.

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 . ANSWER 52 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:457919 CAPLUS

DN 131:116229

TI Preparation of thiazolecarboxamides as vitronectin receptor antagonists

IN Alig, Leo; Edenhofer, Albrecht; Hilpert, Kurt; Weller, Thomas

PA F. Hoffmann-La Roche AG, Switz.

SO Eur. Pat. Appl., 87 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 928790	A1	19990714	EP 1998-124670	19981224
	EP 928790	B1	20030305		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	US 6100282	A	20000808	EP 1998-100006 A	19980102
				US 1998-218567	19981222
				EP 1998-100006 A	19980102
	NZ 333590	A	20000526	NZ 1998-333590	19981224
				EP 1998-100006 A	19980102
	NZ 333591	A	20000526	NZ 1998-333591	19981224
				EP 1998-100006 A	19980102
	AT 233746	E	20030315	AT 1998-124670	19981224
				EP 1998-100006 A	19980102
	NO 9806159	A	19990705	NO 1998-6159	19981228
				EP 1998-100006 A	19980102
	ZA 9811925	A	20000629	ZA 1998-11925	19981229
				EP 1998-100006 A	19980102
	AU 9896144	A1	19990722	AU 1998-96144	19981230
	AU 720618	B2	20000608		
				EP 1998-100006 A	19980102
	SG 74686	A1	20000822	SG 1998-5978	19981230
				EP 1998-100006 A	19980102
	JP 2000053664	A2	20000222	JP 1999-10	19990104
	JP 3113237	B2	20001127		
				EP 1998-100006 A	19980102
	BR 9900006	A	20000411	BR 1999-6	19990104
				EP 1998-100006 A	19980102
	MX 9900215	A	20000630	MX 1999-215	19990104
				EP 1998-100006 A	19980102
	HK 1020953	A1	20020726	HK 1999-106136	19991228
				EP 1998-100006 A	19980102
	US 6320054	B1	20011120	US 2000-526033	20000315
				EP 1998-100006 A	19980102
				US 1998-218567 A3	19981222
	US 2002010316	A1	20020124	US 2001-878704	20010611
	US 6344562	B2	20020205		
				EP 1998-100006 A	19980102

US 1998-218567 A319981222
US 2000-526033 A320000315

OS MARPAT 131:116229

AB R1(CH2)aZ(CONR9)cZ1(CH2)e(NB)fAm(NH)g(CH2)n[CH[(CO)k(NH)lR10]]i(CH2)jCO2H
[I; A = CO or SO2; B,R9 = H or (cyclo)alkyl; R1 = NR6CONR5(CH2)BR4, NR5R6,
NHC(:NR8)NHR7, etc.; R4 = H, (cyclo)alkyl, (hetero)aryl; R5,R6 = H,
(cyclo)alkyl, aryl, etc.; R7,R8 = H, (ar)alkyl, etc.; R7R8 = atoms to
complete a ring; R10 = H, OH, (ar)alkyl, carboxy(alkyl), alkoxy(alkyl),
etc.; Z = (un)substituted thiazole-2,4- or -2,5-diyl; Z1 = bond or
arylene; a,j = 0-2; b = 0-4; c,f,g,h,i,k,l,m = 0 or 1; e = 0-3; h = 0-5]
were prep'd. Thus, H2NC(:NH)NHCSNH2 was cyclocondensed with BrCH2COCO2Et
and the sapon'd. product amidated by H2NCH2CH2CONHCH2CH2CO2Et to give,
after sapon., H2NC(:NH)NHZ(CONHCH2CH2)2CO2H (Z = thiazole-2,4-diyl). Data
for biol. activity of I were given.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 53 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:405036 CAPLUS

DN 131:60019

TI Preparation of rigidized trimethine cyanine dyes and their use as
fluorescent markers

IN Waggoner, Alan S.; Mujumdar, Ratnakar B.

PA Carnegie Mellon University, USA

SO PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DT Patent

LA English

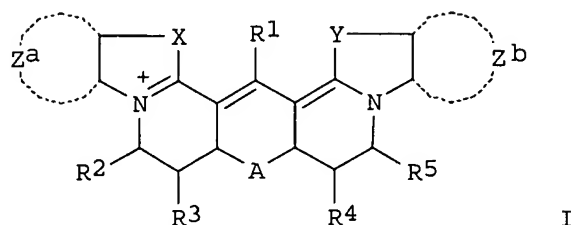
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9931181	A1	19990624	WO 1998-US26665	19981216
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2314188	AA	19990624	US 1997-992212 A219971217	
			CA 1998-2314188	19981216
			US 1997-992212 A	19971217
AU 9918288	A1	19990705	WO 1998-US26665W	19981216
AU 760598	B2	20030515	AU 1999-18288	19981216
			US 1997-992212 A	19971217
			WO 1998-US26665W	19981216
EP 1042407	A1	20001011	EP 1998-963218	19981216
EP 1042407	B1	20010912		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			US 1997-992212 A	19971217
			WO 1998-US26665W	19981216
AT 205515	E	20010915	AT 1998-963218	19981216
			US 1997-992212 A	19971217
			WO 1998-US26665W	19981216
ES 2165711	T3	20020316	ES 1998-963218	19981216

JP 2002508428 T2 20020319

US 1997-992212 A 19971217
 JP 2000-539092 19981216
 US 1997-992212 A 19971217
 WO 1998-US26665W 19981216

OS MARPAT 131:60019
 GI



AB Trimethine cyanine dyes, which are useful for imparting fluorescent properties to target materials by covalent and non-covalent assocn., have general I [X, Y = bis-C1-4 alkyl- or C4-5 spiroalkyl-substituted C, O, S, Se, CH:CH, NW; W = H, (CH₂)_nR₁₂; n = 1-26; R₁₂ = H, (substituted) amino, aldehyde, acetal, halogen, cyano, (hetero)aryl, OH, sulfonate, sulfate, carboxylate, quaternary amino, NO₂, amide, reactive group to amino, OH, CO, phosphoryl, sulfuryl; Z_a, Z_b = bond, atoms necessary to complete one, two fused or three fused arom. rings each ring having five or six atoms and contg. 1 to 2 O, S, N; A = O, S, NR₁₁; R₁₁ = substituted amino radical; R₁ = H, (hetero)aryl, CN, NO₂, CHO, halogen, OH, (substituted)amino, acetal, ketal, phosphoryl, sulfuryl, quaternary amino, water-solubilizing group, (substituted) alkyl; R₂-5 = water soly.-reducing neutral group, water-solubilizing polar group, functional group that is reactive in labeling reaction, electron donating or withdrawing for shifting the absorption and emission wavelength of the fluorescent mol, lipid- and hydrocarbon-solubilizing group]. The dyes are used in binding assays, such as immunoassays, nucleic acid hybridization assays, DNA-protein binding assays, hormone receptor binding assays, and enzyme assays.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 54 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:390408 CAPLUS
 DN 131:45047
 TI Preparation of sialyl Lewisx and sialyl Lewisx glyco-mimetics as selectin inhibitors
 IN Anderson, Mark B.; Kobayashi, Yoshiyuki; Itoh, Kazuhiro; Holme, Kevin R.; Cui, Jingrong; Fugedi, Peter; Peto, Csaba F.; Wang, Li; Vazir, Harish
 PA Glycomed Incorporated, USA; Sankyo Co., Ltd.
 SO PCT Int. Appl., 184 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9929705	A2	19990617	WO 1998-US25783	19981204
	WO 9929705	A3	19990819		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9918042

A1 19990628

US 1997-67971P P 19971208

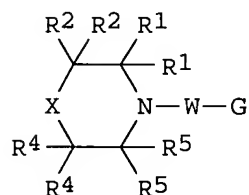
AU 1999-18042 19981204

US 1997-67971P P 19971208

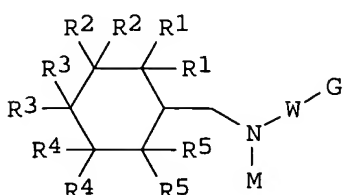
WO 1998-US25783W 19981204

OS MARPAT 131:45047

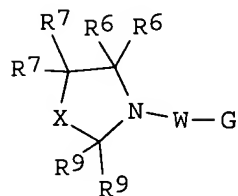
GI



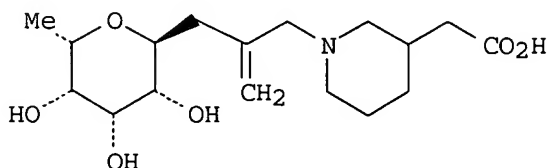
I



II



III



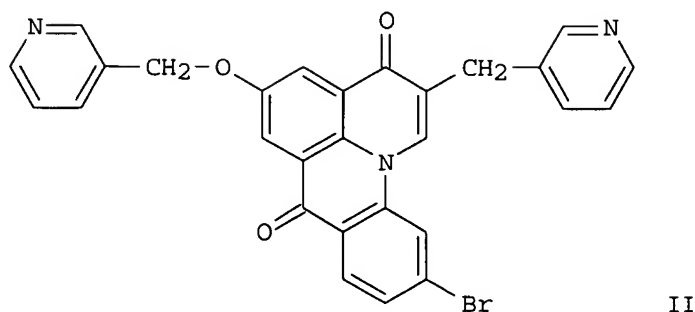
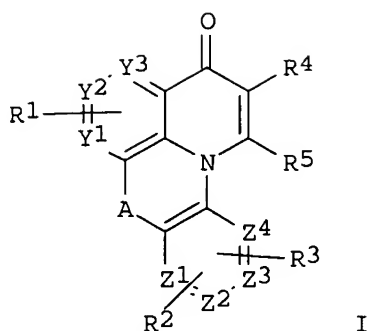
IV

AB The present invention provides a series of compds. in the form of chem. and physiol. stable glyco-mimics or glyco-epitopes I-III and MO₂C(CH₂)_nNHC(O)YG wherein W is a covalent bond, -C(=O)-, -C(=O)-CH₂-, -C(=O)-CH₂-CH₂-, -C(=O)-CH=CH-, -C(=O)-CH(-NHAc)-CH₂-, -C(=O)-CH₂-CHOH-, -C(=O)-CH(-NH-C(=O)-O-t-Bu)-CH₂-, -C(=S)-, -C(=S)-S-, -C(=S)-S-CH₂-, -C(=S)-CH₂-CH₂-, -C(=S)-NH-, -CH₂-CH₂-O-, -CH₂-CH(CH₃)-CH₂-, -CH₂-CH(CH₂OH)-CH₂-, -CH₂-C(=CH₂)-CH₂-, X is -NR₃-, -C(R₈)₂-, -NR₈-, CH-S-sialic acid, CH-O-sialic acid, -O- or -S-; Y is a covalent bond, -(CH₂)_n-, -CH₂-NH-C(=O)-, or -NH-C(=O)-; R₁-R₉ are independently selected from the group consisting of -H, -OH, alkyl, -CO₂M, -CH₂-CO₂M, -CO₂Me, -CH₂-CO₂Me, -CO₂Et, -CH₂CO₂Et, -CH₂-CH=CH-CO₂M, -CH₂-CH=CH-CO₂Me, -CH₂-CH=CH-CO₂Et, -OSO₃M, -CH₂-OSO₃M, -OPO₃M₂, -CH₂-OPO₃M₂ with the proviso that at least one of R₁-R₉ is not -H or -OH; G is heterocycle; M is a metal, n is 1-3, that serve to functionally mimic the active features of biol. important oligosaccharides, such as but not limited to sialyl Lewisx and sialyl Lewisy. These structural glyco-mimetics are useful in the treatment of acute and chronic diseases and asthma. These compds. also are useful in the treatment of other selectin-mediated disorders, such as inflammation, cancer, diabetes, obesity, lung vasculitis, cardiac injury, reperfusion injuries, thrombosis, tissue rejection, arthritis, inflammatory bowel disease and pulmonary inflammation. Thus, carboxymethyl-piperidine-N-isopropenyl-C-fucoside IV was prepd. and tested

as selectin inhibitor (IC50 > 2500 .mu.M).

L5 ANSWER 55 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:375546 CAPLUS
 DN **131:18932**
 TI Preparation and formulation of heterocyclic compounds as cyclic GMP
 phosphodiesterase inhibitors
 IN Ohashi, Masayuki; Nishida, Hidemitsu; Shudo, Toshiyuki
 PA Mochida Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 253 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9928319	A1	19990610	WO 1998-JP5350	19981127
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				JP 1997-344164 A	19971128
	ZA 9810766	A	19990525	ZA 1998-10766	19981125
				JP 1997-344164 A	19971128
	CA 2311947	AA	19990610	CA 1998-2311947	19981127
				JP 1997-344164 A	19971128
	AU 9912617	A1	19990616	WO 1998-JP5350 W	19981127
	AU 746883	B2	20020502	AU 1999-12617	19981127
				JP 1997-344164 A	19971128
				WO 1998-JP5350 W	19981127
	BR 9815070	A	20001003	BR 1998-15070	19981127
				JP 1997-344164 A	19971128
				WO 1998-JP5350 W	19981127
	EP 1048666	A1	20001102	EP 1998-955965	19981127
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				JP 1997-344164 A	19971128
				WO 1998-JP5350 W	19981127
	NO 2000002696	A	20000724	NO 2000-2696	20000526
				JP 1997-344164 A	19971128
				WO 1998-JP5350 W	19981127
	US 6476021	B1	20021105	US 2000-580657	20000526
				JP 1997-344164 A	19971128
				WO 1998-JP5350 A1	19981127
OS	MARPAT 131:18932				
GI					



AB The title compds. I [A = single bond, methylene, etc.; R1 = H, halo, etc.; R2 = H, halo, (protected) amino; etc.; R3 = H, halo, (protected) OH, etc.; R4 = H, halo, etc.; R5 = H, methyl; Y1 - Y3, Z1 - Z4 = methine, N] are prepd. I are useful as preventives and/or remedies for pulmonary hypertension, ischemic heart diseases, erectile insufficiency, female sexual dysfunction or diseases against which cGMP-PDE inhibitory effects are efficacious. The title compd. II in vitro showed IC50 of 0.0018 .mu.M against cyclic GMP phosphodiesterase.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 56 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:271339 CAPLUS

DN **130:282082**

TI Preparation of alkylthiopyrimidines as viral reverse transcriptase inhibitors

IN Morris, Joel; Wishka, Donn G.; Adams, Wade J.; Friis, Janice M.

PA Pharmacia & Upjohn Company, USA

SO PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9919304	A2	19990422	WO 1998-US18507	19980921
	WO 9919304	A3	20011220		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,

NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
 UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM,
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2301800 AA 19990422 US 1997-59656P P 19970925
 CA 1998-2301800 19980921
 US 1997-59656P P 19970925
 WO 1998-US18507W 19980921
 AU 9923050 A1 19990503 AU 1999-23050 19980921
 AU 750917 B2 20020801

US 1997-59656P P 19970925
 WO 1998-US18507W 19980921
 EP 1034167 A1 20000913 EP 1998-966441 19980921
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, FI

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 US 1998-157975 19980921
 US 1997-59656P P 19970925
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 US 6124306 A 20000926 NZ 1998-503586 19980921
 US 1997-59656P P 19970925
 WO 1998-US18507W 19980921
 NZ 503586 A 20020328 JP 2000-515877 19980921
 JP 2002526378 T2 20020820 US 1997-59656P P 19970925
 WO 1998-US18507W 19980921

OS MARPAT 130:282082

AB R6ZYCR12R13(CR41:R42)mR1 [I; R1 = C.tplbond.CH, alkoxycarbonyl,
 pyridyl(carbonyl), etc.; R6 = alkylthio; R12 = H, alkyl, CONH2, CH2NH2,
 etc.; R13 = H, CF3, alkyl; R41,R42 = H or alkyl; Y = O or SOO-2; Z =
 (un)substituted pyrimidine-4,2-diyl; m - 0 or 1] were prepd.
 Thus, (S)-(-)-4-amino-6-chloro-2-[1-(furo[2,3-c]pyridin-5-
 yl)ethylthio]pyrimidine was converted to (S)-(-)-4-amino-6-methylthio-2-[1-
 (furo[2,3-c]pyridin-5-yl)ethylthio]pyrimidine. Data for biol. activity of
 2 I were given.

L5 ANSWER 57 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:104522 CAPLUS

DN 130:163203

TI 5-HT-2 antagonists, and preparation thereof, for treating or ameliorating
 the symptoms of common cold or allergic rhinitis

IN Johnson, Kirk Willis; Nelson, David Lloyd Garver; Phebus, Lee Alan

PA Eli Lilly and Company, USA

SO U.S., 16 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5869497	A	19990209	US 1997-813472	19970307
				US 1997-813472	19970307

OS MARPAT 130:163203

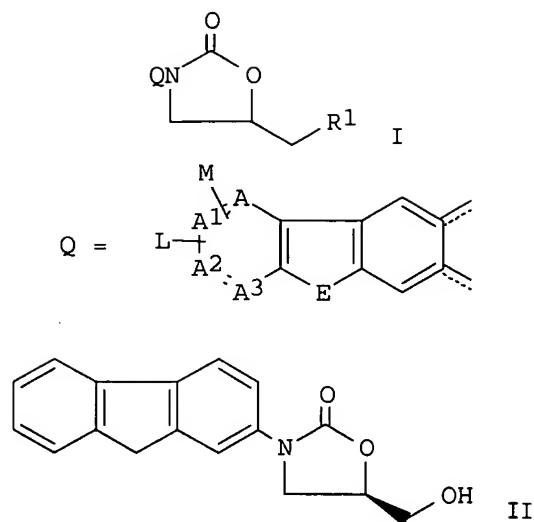
AB Methods are provided for the treatment or amelioration of the symptoms of
 the common cold or allergic rhinitis which comprises administering to a
 mammal in need thereof a 5-HT2 antagonist. Prepn of e.g.
 6-methyl-1-[(2-chloro-3,4-dimethoxyphenyl)-methyl]-1,2,3,4-tetrahydro-9H-

pyrido[3,4-b]indole hydrochloride is described.

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 58 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:77555 CAPLUS
DN 130:139335
TI Preparation of tricyclically substituted oxazolidinones as bactericides
IN Bartel, Stephan; Guarnieri, Walter; Riedl, Bernd; Habich, Dieter; Stolle, Andreas; Ruppelt, Martin; Raddatz, Siegfried; Rosentreter, Ulrich; Wild, Hanno; Endermann, Rainer; Kroll, Hein-peter
PA Bayer Aktiengesellschaft, Germany; et al.
SO PCT Int. Appl., 98 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9903846	A1	19990128	WO 1998-EP4252	19980708
	W:				
	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				DE 1997-19730847	19970718
	DE 19730847	A1	19990128	DE 1997-19730847	19970718
	AU 9884417	A1	19990210	AU 1998-84417	19980708
				DE 1997-19730847	19970718
				WO 1998-EP4252	19980708
	ZA 9806360	A	19990127	ZA 1998-6360	19980717
				DE 1997-19730847	19970718
OS	MARPAT 130:139335				
GI					



AB Title compds. [I; R¹= N₃, OH, OMe, OSO₂Me, NH₂, NHCOCH₃, etc.; E = O, S, CO, SO, SO₂, NC₂H₅, etc.; A, A¹, A², A³ are independently CH, N, with no more than one N; L and M are independently H, OH, CO, CN, NO₂, CHO, etc.; dotted bonds = one single bond to I and the other single bond to a H] are prepd. as antibacterial medicaments. Thus, compd. II was prepd. from cycloaddn. of 2-benzyloxycarbonylaminofluorene and (R)-2,3-epoxypropyl butanoate in the presence of Bu lithium in hexane.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 59 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:789149 CAPLUS

DN 130:38390

TI Preparation of azolidinediones as antidiabetics

IN Lohray, Braj Bhushan; Lohray, Vidya Bhushan; Bajji, Ashok Channaveerappa; Kalchar, Shivaramayya; Alla, Sekar Reddy; Ramanujam, Rajagopalan; Vikramadithyan, Reeba K.

PA Reddy's Research Foundation, India; Reddy-Cheminor Inc.

SO PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DT Patent

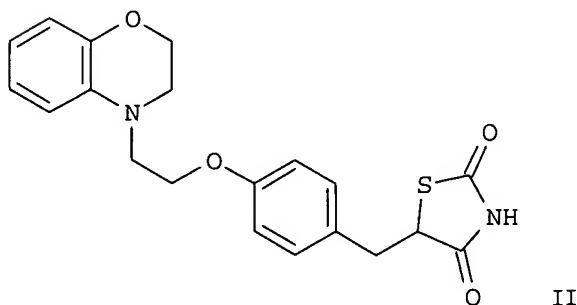
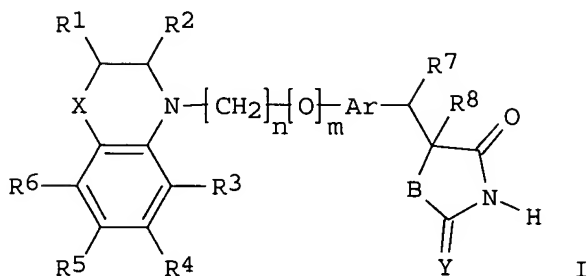
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9852946	A1	19981126	WO 1998-US10612	19980526
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6011031	A	20000104	US 1997-982910 A	19971202
			US 1997-982910	19971202
			IN 1997-MA1153 A	19970530

AU 9875952	A1	19981211	AU 1998-75952	19980526
			US 1997-982910 A	19971202
			WO 1998-US10612W	19980526
EP 977753	A1	20000209	EP 1998-923730	19980526
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			US 1997-982910 A	19971202
			WO 1998-US10612W	19980526
JP 2002515042	T2	20020521	JP 1998-507379	19980526
			US 1997-982910 A	19971202
			WO 1998-US10612W	19980526
US 6159966	A	20001212	US 1998-134348	19980814
			IN 1997-MA1153 A	19970530
			US 1997-982910 A3	19971202

OS MARPAT 130:38390
GI



AB The title compds. [I; R1-R6 = H, halo, OH, etc.; R1R2 along with carbon atoms to which they are attached = (un)substituted arom. ring contg. 5-6 ring atoms; X = O, S, NH, etc.; Ar = (un)substituted divalent single or fused arom. or heterocyclic; R7 = H, OH, alkoxy, etc.; R8 = H, OH, alkoxy, etc.; R8 may form a bond together with R7; B = O, S; Y = O, S; n = 1-4; m = 0-1] and their pharmaceutically acceptable salts, useful for the treatment of diabetes, dyslipidemia and hypertension, were prepd. and formulated. Thus, reaction of 4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]benzaldehyde (prepn. described) with 2,4-thiazolidinedione in the presence of piperidine and benzoic acid in PhMe followed by treatment

of the resulting 5-{4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenylmethylene}thiazolidine-2,4-dione with Mg in MeOH, and treatment of the intermediate with NaOMe in MeOH afforded the title compd. II as sodium salt which showed 62% redn. in blood glucose level and 55% triglyceride lowering at 30 mg/kg.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 60 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:745043 CAPLUS

DN **129:343502**

TI Preparation of 3-amino-1,4-benzoxazines and analogs as nitric oxide synthase inhibitors

IN Holscher, Peter; Rehwinkel, Hartmut; Suelzle, Detlev; Burton, Gerardine; Hillmann, Margrit; Pribilla, Iris; Davey, David Daniel

PA Schering A.-G., Germany

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

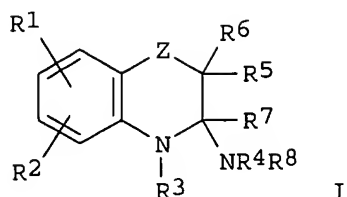
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9850372	A1	19981112	WO 1998-DE1241	19980430
	W:			AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
	RW:			GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG	
				DE 1997-19720155A	19970502
AU	9883308	A1	19981127	AU 1998-83308	19980430
				DE 1997-19720155A	19970502
				WO 1998-DE1241 W	19980430
EP	980362	A1	20000223	EP 1998-933446	19980430
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI	
				DE 1997-19720155A	19970502
				WO 1998-DE1241 W	19980430
JP	2001524115	T2	20011127	JP 1998-547629	19980430
				DE 1997-19720155A	19970502
				WO 1998-DE1241 W	19980430
US	6191127	B1	20010220	US 1999-423072	19991101
				DE 1997-19720155A	19970502
				WO 1998-DE1241 W	19980430

OS MARPAT 129:343502

GI



AB Title compds. [I; R1,R2 = H, halo, alkyl, alkoxy, etc.; R3,R4 = H, alkyl, Ph, CONH2, etc.; R5 = halo, alkyl, alkoxy, Ph, etc.; R6 = H; R5R6 = atoms to complete a ring; R3R7, R7R8 = bond; R8 = H; Z = O or SO0-2] were prepd. Thus, 2-(H2N)C6H4OH was cyclocondensed with MeCHClCN to give 3-amino-2-methyl-2H-1,4-benzoxazine. Data for biol. activity of I were given.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 61 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:621100 CAPLUS

DN 129:239901

TI Anti-epileptogenic agents, and preparation thereof

IN Weaver, Donald F.; Milne, Paul H.; Tan, Christopher Y. K.; Carran, John R.

PA Queen's University At Kingston, Can.

SO PCT Int. Appl., 91 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9840055	A2	19980917	WO 1998-CA244	19980312
	WO 9840055	A3	19990218		
	W:				
	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				US 1997-41140P	P 19970312
				US 1998-73536P	P 19980203
	US 6306909	B1	20011023	US 1998-41371	19980311
				US 1997-41140P	P 19970312
				US 1998-73536P	P 19980203
	AU 9864923	A1	19980929	AU 1998-64923	19980312
				US 1997-41140P	P 19970312
				US 1998-73536P	P 19980203
				WO 1998-CA244	W 19980312
	EP 969823	A2	20000112	EP 1998-910555	19980312
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				US 1997-41140P	P 19970312
				US 1998-73536P	P 19980203
				WO 1998-CA244	W 19980312
	NZ 337849	A	20000128	NZ 1998-337849	19980312

JP 2001515483 T2 20010918 US 1997-41140P P 19970312
 US 2002025949 A1 20020228 US 1998-73536P P 19980203
 WO 1998-CA244 W 19980312
 JP 1998-539010 19980312
 US 1997-41140P P 19970312
 US 1998-73536P P 19980203
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 US 2001-932676 20010816
 US 1997-41140P P 19970312
 US 1998-73536P P 19980203
 US 1998-41371 A319980311

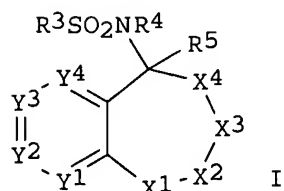
OS MARPAT 129:239901
 AB Methods and compds. useful for the inhibition of convulsive disorders, including epilepsy, are disclosed. The methods and compds. of the invention inhibit or prevent ictogenesis and epileptogenesis. Methods for prepg. the compds. of the invention are also described.

L5 ANSWER 62 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:583022 CAPLUS
 DN **129:202864**
 TI Preparation of benzocycloheptanesulfonamides, tetrahydrobenzoxepinsulfonamides, and related compounds as potassium channel blockers.
 IN Brendel, Joachim; Lang, Hans Jochen; Gerlach, Uwe
 PA Hoechst A.-G., Germany
 SO Ger. Offen., 24 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19707656	A1	19980827	DE 1997-19707656	19970226
CN 1169429	A	19980107	CN 1997-111540	19970513
EP 861836	A1	19980902	DE 1997-19707656A	19970226
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			EP 1998-102952	19980220
BR 9800207	A	19990518	DE 1997-19707656A	19970226
CA 2230349	AA	19980826	BR 1998-207	19980220
ZA 9801562	A	19980826	DE 1997-19707656A	19970226
NO 9800785	A	19980827	CA 1998-2230349	19980224
AU 9856333	A1	19980903	DE 1997-19707656A	19970226
AU 737461	B2	20010823	ZA 1998-1562	19980225
CN 1193017	A	19980916	DE 1997-19707656A	19970226
CN 1110490	B	20030604	NO 1998-785	19980225
JP 10287641	A2	19981027	DE 1997-19707656A	19970226
TW 452574	B	20010901	AU 1998-56333	19980225
US 2002072514	A1	20020613	DE 1997-19707656A	19970226
			CN 1998-105329	19980225
			DE 1997-19707656A	19970226
			JP 1998-43652	19980225
			DE 1997-19707656A	19970226
			TW 1998-87102578	19980327
			DE 1997-19707656A	19970226
			US 2001-983670	20011025

DE 1997-19707656A 19970226
 US 1998-28452 B219980224
 US 1999-342597 A119990629

OS MARPAT 129:202864
 GI



AB Title compds. [I; X1 = O, S, SO, CO, (substituted) imino, methylene; X2, X3 = O, S, SO, SO2, (substituted) methylene, imino; X4 = (substituted) methylene, imino, Y1-Y4 = N, (substituted) methine; R3 = R17C_xH_{2x}NR18, R17C_xH_{2x}, etc.; x = 0-10; R17 = H, Me, cycloalkyl, CF3, C2F5, C3F7; R18 = H, alkyl; R4 = CrH_{2r}R20, etc.; r = 0-20; R20 = H, Me, CF3, C2F5, C3F7, cycloalkyl, amino, etc.; R5 = H, etc; with provisos], were prepd. as potassium channel blockers (no data). Thus, 4,5-epoxy-7-nitro-2,3,4,5-tetrahydro-1-benzoxepin (prepn. given) and Me(Me₃Si)NSO₂Et (prepn. given) were treated with Bu₄NF to give trans-7-nitro-5-(N-ethylsulfonyl-N-methylamino)-2,3,4,5-tetrahydro-1-benzoxepin-4-ol.

L5 ANSWER 63 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:509113 CAPLUS

DN 129:144857

TI Phalloidin derivatives and analogs to treat congestive heart failure or other cardiomyopathies

IN Boukatina, Anna E.; Campbell, Kenneth B.; Kunz, Lawrence L.; Kasina, Sudhakar; Theodore, Louis J.; Fritzberg, Alan R.

PA Washington State University Research Foundation, USA; Neorx Corp.

SO PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9831380	A1	19980723	WO 1998-US952	19980116
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
				US 1997-35452P P	19970116
	AU 9860300	A1	19980807	AU 1998-60300	19980116
				US 1997-35452P P	19970116
				WO 1998-US952 W	19980116

OS MARPAT 129:144857

AB A method to treat congestive heart failure with an analog or deriv. of phalloidin is provided. Also provided is a method to treat other cardiopathologies assocd. with reduced heart muscle contractile strength, as well as novel analogs or derivs. of phalloidin, pharmaceutical compns. comprising analogs or derivs. of phalloidin, and intermediates useful for prepg. analogs or derivs. of phalloidin.

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 64 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:455466 CAPLUS

DN 129:142535

TI Method for processing silver halide photographic material using a mercapto compound

IN Yoshida, Tetsuo; Watanabe, Harumi

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 41 pp.

CODEN: JKXXAF

DT Patent

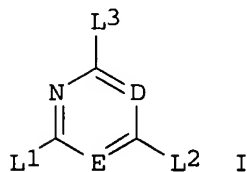
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10186598	A2	19980714	JP 1996-350838	19961227
				JP 1996-350838	19961227

OS MARPAT 129:142535

GI



AB Claimed method for processing photog. materials having surface pH of .ltoreq.6.0 comprises exposure followed by the development in presence of a mercapto compd. I (D, E = CH:, CR0:, N; R0 = substituent; L1-3 = H, halo, a group linked to the 6-membered ring through C, N, O, S, or P atom; at least one of substituents is SM; M = H, alkali metal atom, ammonium). Preferably, the developer soln. does not contain hydroquinone and does contain a reductone selected from ascorbic acid and related compds. The processing method provides high speed and high contrast, and generates little sludge during processing. Thus, a Ag(Br, Cl) photog. film contg. cross-linked acrylic acid/epoxy methacrylate copolymer (pH-controlling compd.) in the surface layer was processed by a developer soln. contg. 2,4-dimercapto-4-(N-carboxymethyl-N-methyl-aminomethyl)pyrimidine.

L5 ANSWER 65 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:455465 CAPLUS

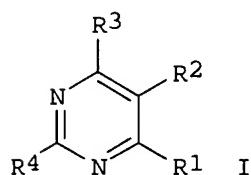
DN 129:142534

TI Method for processing silver halide photographic material using a developer containing a mercaptopyrimidine

IN Fukui, Kota; Sasaoka, Senzo; Yamada, Kosaburo

PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 44 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 10186596	A2	19980714	JP 1996-340246	19961219
	US 5976758	A	19991102	US 1997-995146	19971219
				JP 1996-340246	19961219
OS	MARPAT 129:142534				
GI					



AB Claimed method for processing photog. material contg. a hydrazine deriv. in an emulsion layer or other hydrophilic colloid layer comprises imagewise exposure followed by development with a developer soln. of pH 9.0-10.5 contg. ascorbic acid, a 1-phenyl-3-pyrazolidone deriv. (auxiliary developing agent), a pyrimidine deriv. I (R¹-4 = H, halo, a group linking with the pyrimidine nucleus through C, N, S, or P atom; at least one of R¹-4 is mercapto group; R¹ and R³ are not OH) and not contg. dihydroxybenzene. The process is free of dihydroxybenzene (hydroquinone) which is environmentally toxic, and provides high contrast images by a low pH and low replenishment process. Preferable nucleator is a polyiminioether deriv. having dialkylamino group at both terminals. Preferable developer soln. has the pH of .ltoreq.11.0 with the replenishment rate of .ltoreq.180 mL/m². It provides a black-and-white Ag image with extremely high contrast and good tonal reprodn. quality. Thus, a graphic arts film contg. an 1-(2-carboxyethylcarbonyl)-2-[4-[3-(hexylthioethylureido)phenylsulfoamino]phenyl]hydrazine and bis(piperidin-1-yl-ethoxyethyl)thioether was developed by a developer soln. contg. Na erythorbate, 1-phenyl-4-methyl-4-hydroxymethyl-3-pyrazolidone and 2,6-dimercaptopyrimidine, and showed the mentioned advantages.

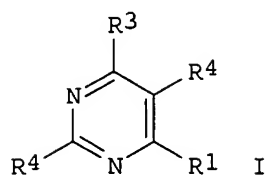
L5 ANSWER 66 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:424140 CAPLUS
 DN **129:100033**
 TI Pharmaceutical composition for oral administration
 IN Takahashi, Masayuki; Morita, Hiromi; Kikuchi, Hiroshi
 PA Daiichi Pharmaceutical Co., Ltd., Japan; Takahashi, Masayuki; Morita, Hiromi; Kikuchi, Hiroshi
 SO PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 9826803 A1 19980625 WO 1997-JP4650 19971217
 W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
 DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, KE, KG, KR,
 KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG,
 US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,
 FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,
 GA, GN, ML, MR, NE, SN, TD, TG
 AU 9877357 A1 19980715 JP 1996-339638 A 19961219
 AU 719076 B2 20000504 AU 1998-77357 19971217
 EP 953359 A1 19991103 JP 1996-339638 A 19961219
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI WO 1997-JP4650 W 19971217
 EP 1997-949114 19971217
 CN 1240363 A 20000105 JP 1996-339638 A 19961219
 WO 1997-JP4650 W 19971217
 CN 1997-180799 19971217
 JP 10231254 A2 19980902 JP 1996-339638 A 19961219
 WO 1997-JP4650 W 19971217
 JP 1997-349161 19971218
 NO 9902999 A 19990818 JP 1996-339638 A 19961219
 NO 1999-2999 19990618
 JP 1996-339638 A 19961219
 WO 1997-JP4650 W 19971217
 OS MARPAT 129:100033
 AB The invention relates to a pharmaceutical compn. for oral administration
 comprising a basic medicine and a lipophilic material and/or a
 cyclodextrin compd. This compn. can improve peroral absorption of a basic
 medicine which is less likely to be absorbed by oral administration.
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 L5 ANSWER 67 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:407864 CAPLUS
 DN 129:128919
 TI Processing of silver halide photographic material for printing platemaking
 IN Yoshida, Tetsuo; Watanabe, Harumi
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 28 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10171079	A2	19980626	JP 1996-336133	19961216
			JP 1996-336133	19961216

 OS MARPAT 129:128919
 GI



AB The title material, possessing .gtoreq.1 Ag halide emulsion layer and .gtoreq.1 protective layer contg. gelatin at .ltoreq.1.5 g/cm² on a reflective support, is processed with a developing soln. contg. a pyrimidine deriv. I [R¹-4 = H, halo, substituent which links to the ring by C, N, O, S or P atom, R¹ and R³ are not OH and .gtoreq.1 of R¹-4 is SM (M = H, alkali metal, ammonium)]. The material shows high contrast and low residual color stain, and Ag sludge formation is suppressed even if the replenishment rate of the developing soln. is low.

L5 ANSWER 68 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:333590 CAPLUS

DN **129:41380**

TI Processes for the diastereoselective synthesis of nucleoside analogs

IN Mansour, Tarek; Tse, Allan H. L.

PA Biochem Pharma Inc., Can.

SO U.S., 13 pp., Cont.-in-part of U.S. Ser. No. 703,379, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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			US 1991-703379 B2	19910521
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WO 9220696	A1	19921126	WO 1992-CA209	19920520
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RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
			US 1991-703379 A2	19910521
AU 9216913	A1	19921230	AU 1992-16913	19920520
			US 1991-703379 A	19910521
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CZ 280857	B6	19960417	CZ 1993-2493	19920520
			US 1991-703379 A	19910521
			WO 1992-CA209 W	19920520
PL 168910	B1	19960531	PL 1992-301339	19920520
			US 1991-703379 A	19910521
			WO 1992-CA209 W	19920520
IL 116176	A1	19980208	IL 1992-116176	19920520
			US 1991-703379 A	19910521
			IL 1992-101932 A3	19920520
RU 2105009	C1	19980220	RU 1993-58554	19920520
			US 1991-703379 A	19910521
			WO 1992-CA209 W	19920520
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IL 116109	A1	19981227	IL 1992-116109	19920520
			US 1991-703379 A	19910521
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FAN 1993:213449

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	CA 2069024	C	19970923	CA 1992-2069024	19920520
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			US 1991-703379 A 19910521
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			CN 1998-122383 19981203
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			US 1991-703379 A 19910521
FAN 1993:213450			
PATENT NO.	KIND	DATE	APPLICATION NO. DATE
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, PT, SE			
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CA 2069024	C	19970923	
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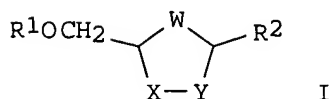
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ES 2104832	T3	19971016	ES 1992-304552	19920520
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CZ 285220	B6	19990616	CZ 1993-2492	19920520
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RU 2163909	C2	20010310	RU 1996-119766	19920520
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CN 1067245	A	19921223	CN 1992-103924	19920521
CN 1035555	B	19970806		
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CN 1067654	A	19930106	CN 1992-103921	19920521
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JP 05186465	A2	19930727	JP 1992-129155	19920521
JP 3229013	B2	20011112		
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FAN 1998:8173				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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			US 1991-703379 B2	19910521
			WO 1992-CA211 W	19920520
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W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP,				
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RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN,				
GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
AU 9216908	A1	19921230	US 1991-703379 A2	19910521
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			IL 1992-101931 A3	19920520
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			WO 1992-CA211 W	19920520
RU 2140925	C1	19991110	RU 1993-58362	19920520
			US 1991-703379 A	19910521
			WO 1992-CA211 W	19920520
RO 116812	B1	20010629	RO 1993-1554	19920520
			US 1991-703379 A	19910521
			WO 1992-CA211 W	19920520
SK 281954	B6	20010911	SK 1993-1294	19920520
			US 1991-703379 A	19910521
			WO 1992-CA211 W	19920520
JP 2001354667	A2	20011225	JP 2001-136217	19920521
			US 1991-703379 A	19910521
			JP 1992-129155 A3	19920521
US 5663320	A	19970902	US 1995-460856	19950605
			US 1991-703379 B2	19910521
			US 1994-142387 A3	19940613
US 5693787	A	19971202	US 1995-464317	19950605
			US 1991-703379 B2	19910521
			US 1994-142387 A3	19940613
FI 9600286	A	19960119	FI 1996-286	19960119
			US 1991-703379 A	19910521
			WO 1992-CA211 W	19920520

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OS CASREACT 129:41380; MARPAT 129:41380
 GI



AB The present invention relates to highly diastereoselective processes for prodn. of cis-nucleosides and nucleoside analogs I (R1 = H, acyl; R2 = nucleobase, W = S, SO, SO2O, NR, CH2; R = H, OH, alkyl, acyl; X = O, S, SO, SO2O, NR, CH2, CH, CHN3, CHOH; Y = O, S, CH2, CH, CHF, CHOH; Z = H, OH, alkyl, acyl) in high optical purity, and intermediates useful in those processes. Thus, asym. prepn. of .beta.-L-2',3'-dideoxycytidine from 5-oxo-2R-tetrahydrofurancarboxylic acid via coupling with N4-acetylcytosine, is reported.

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 69 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:246683 CAPLUS

DN 128:283084

TI Preparation of piperidine-keto-carboxylic acid derivatives and their use as inhibitors of cysteine proteases

IN Lubisch, Wilfried; Moeller, Achim; Delzer, Juergen

PA BASF A.-G., Germany

SO Ger. Offen., 16 pp.

CODEN: GWXXBX

DT Patent

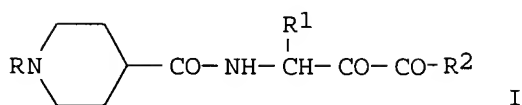
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19642591	A1	19980416	DE 1996-19642591	19961015
	WO 9816512	A1	19980423	WO 1997-EP5202	19970923
	W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
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	AU 736754	B2	20010802	AU 1997-47770	19970923
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	DE 1996-19642591A 19961015				
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			DE 1996-19642591A 19961015
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US 6380220	B1	20020430	US 1999-284543 19990415
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OS MARPAT 128:283084
GI



AB Title compds. [(I); R = COR3; SO2R3; CONHR3; COOR3; C(:N)R3; CONHR3; CSNHR3; R3 = (un)branched (un)substituted alkyl; R1 = (un)branched alkyl, which can be substituted with (un)substituted Ph, pyridine, or naphthyl rings; R2 = OR5; NHR5; R5 = H, (un)substituted Ph] are prepd. for use as inhibitors of cysteine proteases such as calpain and cathepsins B and L (no data). Thus, piperidin-4-carboxylic acid is treated with cinnamic acid chloride, the product treated with L-valine Me ester hydrochloride; after de-esterification, the intermediate is condensed with oxalic acid Et ester chloride to yield I (R = (E)-PhCH:CHCO; R1 = CH(CH3)2; R2 = OEt) (36%).

L5 ANSWER 70 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:208540 CAPLUS

DN 128:257333

TI Preparation of heterocyclic compounds as new antidotes in herbicidal compositions

IN Tobler, Hans; Szczepanski, Henry; Fory, Werner

PA Novartis A.-G., Switz.; Tobler, Hans; Szczepanski, Henry; Fory, Werner

SO PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
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				AU 1997-47780	19970924
				CH 1996-2359	A 19960926
	EP 929543	A1	19990721	WO 1997-EP5252	W 19970924
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	R: DE, FR, GB				
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				WO 1997-EP5252	W 19970924
	ZA 9708579	A	19980326	ZA 1997-8579	19970925
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	US 6294504	B1	20010925	US 1999-269453	19990624
				CH 1996-2359	A 19960926
				WO 1997-EP5252	W 19970924
OS	MARPAT 128:257333				
GI					

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. [I; R1 = H, C1-4 alkyl, NO₂, etc.; R2 = H, halo, CF₃, etc.; R3 = H, halo, C1-4 alkyl; U, V, W and Z = O, S, C(O), etc., with the proviso that at least one of U, V, W or Z = C(O), and one ring member which is adjacent to this or these ring members signifies the group C:CHOC(R4)(R5)C(O)A; and two adjacent ring members U and V, V and W, and W and Z can not simultaneously signify O; R4, R5 = H, C1-8 alkyl; R4R5 = C2-6 alkylene; A = YR₇, NR₁₈R₁₉; Y = O, S; R₇ = H, C1-8 alkyl, C1-8-haloalkyl, etc.; R₁₈ = H, C1-8 alkyl, Ph, etc.; R₁₉ = H, C1-8 alkyl, C3-6 alkenyl, C3-6 alkynyl; R₁₈R₁₉ = C4-5 alkylene; m = 0-2], useful as antidotes in herbicidal compns. for the control of weeds and grasses in useful plant cultivations, as well as compns. having selective herbicide activity, which contain the compd. I, and as herbicides the compds. of formulas II-VII (wherein W₀, R₂₁, Z₀, B, n, R₂₂-R₂₄, E, R₃₁-R₃₅, A₁, B₁, A₂, B₂, R₃₆, G, R₄₈ and R₄₉ have the significances given in the description), were prepd. Treatment of 3H-2-benzopyran-3-one-1,4-dihydro-4-hydroxymethylene with NaH in DMF followed by addn. of bromoacetic acid Me ester afforded compd. I [R₁-R₃ = H; U = CH₂; V = O; m = 1; W = C(O); Z = C:CHOCH₂CO₂Me] which showed post-emergent phytotoxic activity of 6 in a nine-stage appraisal scale (1 = complete damage, 9 = no effect) when used as antidote at 250 g/ha in mixt. with clodinafop (5 g/ha) on maize.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 71 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:761738 CAPLUS

DN 128:48245

TI Preparation of benzamidine derivatives as anticoagulants

IN Buckman, Brad O.; Davey, David D.; Guilford, William J.; Morrissey, Michael M.; Ng, Howard P.; Phillips, Gary B.; Wu, Shung C.; Xu, Wei

PA Berlex Laboratories, Inc., USA

SO U.S., 46 pp., Cont.-in-part of U.S. Ser. No. 401,829, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

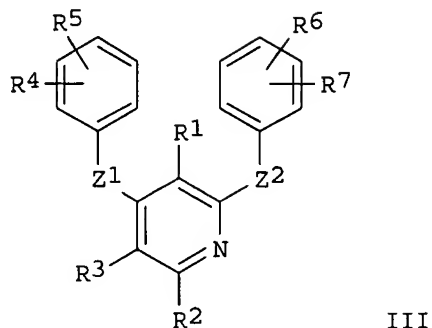
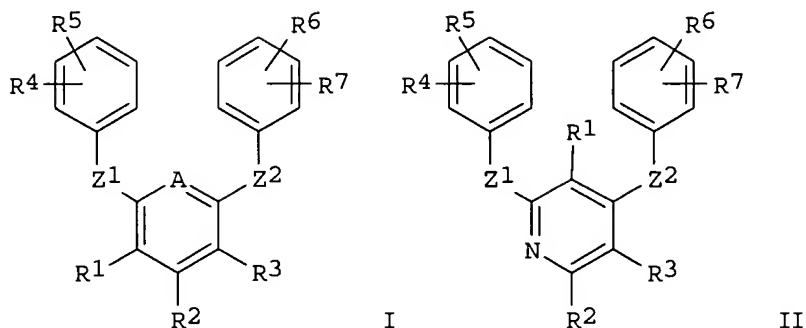
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PI	US 5691364	A	19971125	US 1995-473385	19950607
				US 1995-401829 B2	19950310
	CA 2214685	AA	19960919	CA 1996-2214685	19960308
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
	WO 9628427	A1	19960919	WO 1996-US2641	19960308
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				US 1995-401829 A	19950310
				US 1995-473385 A2	19950607
	AU 9652994	A1	19961002	AU 1996-52994	19960308
	AU 707323	B2	19990708		
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
				WO 1996-US2641 W	19960308
	EP 813525	A1	19971229	EP 1996-909536	19960308
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				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
				WO 1996-US2641 W	19960308
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				US 1995-401829 B2	19950310
				US 1995-473385 A3	19950607
	US 5883100	A	19990316	US 1997-910614	19970813
				US 1995-401829 B2	19950310
				US 1995-473385 A3	19950607
	US 5889005	A	19990330	US 1997-910876	19970813
				US 1995-401829 B2	19950310
				US 1995-473385 A3	19950607
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				US 1995-473385 A3	19950607
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				US 1995-401829 B2	19950310
				US 1995-473385 A2	19950607
				WO 1996-US2641 W	19960308
				US 1997-913241 A3	19971208
	US 6350746	B1	20020226	US 1999-457457	19991208
				US 1995-401829 B2	19950310
				US 1995-473385 A3	19950607
				US 1997-910609 A3	19970813

PATENT FAMILY INFORMATION:

FAN 1996:701501

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9628427	A1	19960919	WO 1996-US2641	19960308
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US 5691364	A	19971125		US 1995-473385	19950607
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AU 9652994	A1	19961002		AU 1996-52994	19960308
AU 707323	B2	19990708			
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				WO 1996-US2641 W	19960308
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				WO 1996-US2641 W	19960308
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US 2002035109	A1	20020321		US 2001-924413	20010807
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US 6465459	B2	20021015			
				WO 1996-US2641 W	19960308
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				US 1999-436399 A3	19991108
OS	MARPAT 128:48245				
GI					



AB The title compds. [I-III; A = N; Z1, Z2 = O, S; R1, R3 = H, halo, alkyl, haloalkyl, etc.; R2 = H, halo, alkyl, haloalkyl, etc.; R4, R7 = H, halo, alkyl, NO₂, etc.; R5 = C(:NH)NH₂, C(:NH)NHOR₈, etc.; R6 = (un)substituted (1,2)-imidazolyl or (1,2)-imidazolinyl; R8 = H, alkyl, aryl, etc.] are prepd. I-III are useful as anticoagulants for treatment of disease-states characterized by thrombotic activity. Thus, 3,3'-[2,6-pyridinylbis(oxy)]bis(benzonitrile) (prepn. given) was treated with HCl to give the title compd. 3,3'-[2,6-pyridinylbis(oxy)]bis(benzamidine).2HCl. A formulation contg. I-III were prepd.

L5 ANSWER 72 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:752814 CAPLUS
DN **128:19713**
TI Synergistic antimicrobial enzymic peroxidase compositions
IN Johansen, Charlotte
PA Novo Nordisk A/s, Den.; Johansen, Charlotte
SO PCT Int. Appl., 75 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9742825	A1	19971120	WO 1997-DK205	19970506
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB,			

GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,
ML, MR, NE, SN, TD, TG

			DK 1996-559	A 19960509
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AU 9726933	A1	19971205	AU 1997-26933	19970506
			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
			WO 1997-DK205	W 19970506
EP 912097	A1	19990506	EP 1997-920611	19970506
EP 912097	B1	20020807		
			R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI	
			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
			WO 1997-DK205	W 19970506
JP 2000512267	T2	20000919	JP 1997-540399	19970506
			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
			WO 1997-DK205	W 19970506
AT 221729	E	20020815	AT 1997-920611	19970506
			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
			WO 1997-DK205	W 19970506
US 2002119136	A1	20020829	US 2001-815848	20010323
			DK 1996-559	A 19960509
			DK 1996-785	A 19960715
			WO 1997-DK205	A119970506
			US 1998-174956	B319981019

OS MARPAT 128:19713

AB Enzymic compns. comprising a Coprinus peroxidase, hydrogen peroxide or a source of hydrogen peroxide, and an enhancing agent such as an electron donor, e.g. phenothiazine-10-propionic acid; 2,2'-azino-bis(3-ethylbenzothiazoline-6-sulfonate); acetosyringate; Cl-8-alkylsyringate; or a water-sol. halide or thiocyanate salt, such as potassium iodide, have synergistic antimicrobial properties, useful e.g. for inhibiting or killing microorganisms present in laundry, on human or animal skin, hair, mucous membranes, oral cavities, teeth, wounds, bruises; and on hard surfaces; and can be used as a disinfectant, a preservative for cosmetics, and for cleaning, disinfecting or inhibiting microbial growth on process equipment, used for e.g. water treatment, food processing, chem. or pharmaceutical processing, paper pulp processing, and water sanitation. A recombinantly-produced peroxidase from *C. macrorrhizus* or *C. cinereus* is esp. useful. The DNA sequence for this peroxidase, is given.

L5 ANSWER 73 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:720114 CAPLUS

DN 128:13253

TI Fused pyridine N-hydroxy carboxamide derivatives and analogs as inhibitors of metalloproteases, process for their preparation, and pharmaceutical compositions containing them

IN De Nanteuil, Guillaume; Paladino, Joseph; Remond, Georges; Atassi, Ghanem; Pierre, Alain; Tucker, Gordon; Bonnet, Jacqueline; Sabatini, Massimo

PA Adir Et Compagnie, Fr.

SO Eur. Pat. Appl., 31 pp.

CODEN: EPXXDW

DT Patent

LA French

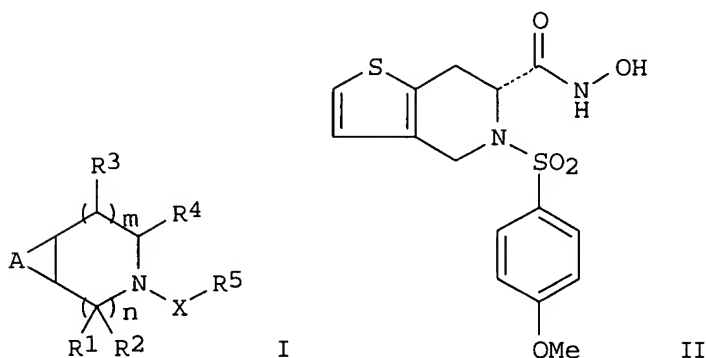
FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI	EP 803505	A1	19971029	EP 1997-400913	19970423
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	FR 2748026	A1	19971031	FR 1996-5321	A 19960426
	FR 2748026	B1	19980605	FR 1996-5321	19960426
	NO 9701862	A	19971027	NO 1997-1862	19970423
				FR 1996-5321	A 19960426
	CA 2203618	AA	19971026	CA 1997-2203618	19970424
	CA 2203618	C	20020528		
				FR 1996-5321	A 19960426
	AU 9719121	A1	19971030	AU 1997-19121	19970424
	AU 713680	B2	19991209		
				FR 1996-5321	A 19960426
	ZA 9703647	A	19971119	ZA 1997-3647	19970425
				FR 1996-5321	A 19960426
	CN 1165817	A	19971126	CN 1997-109728	19970425
				FR 1996-5321	A 19960426
	JP 10059936	A2	19980303	JP 1997-108954	19970425
				FR 1996-5321	A 19960426
	US 5866587	A	19990202	US 1997-842982	19970425
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OS	CASREACT 128:13253; MARPAT 128:13253				
GI					

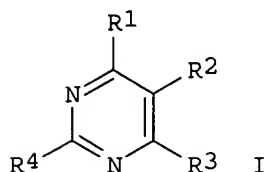


AB Title compds. I are disclosed [wherein m, n = 0, 1, 2; R1, R2 = H, alkyl, aralkyl, aryl; or R1R2 = O, alkylene; R3 = H, alkyl, OH, alkoxy, or aryl; R4 = CONR6OR6', CSNR6OR6', C(:NH)NR6OR6', CO2R7, NHCONHOH, NHCH2CO2R7, CH(NHR7')CO2R7, CH(CO2R7)2; X = SO2, CO, SO2NH; R5 = alkyl (optionally bearing halo, OH, alkoxy, aryl, or CO2R7), cycloalkyl, aryl, or heterocyclyl; R6, R6' = H or alkyl; R7, R7' = H, alkyl, aralkyl; A = fused arom. (with provisos) or heterocyclic ring]. I are metalloprotease inhibitors, potentially useful for treatment of cancer, rheumatoid arthritis, atherosclerosis, etc. Examples include 30 syntheses of I, 19 prophetic compds., 4 biol. screens for selected compds., and a formulation. For instance, (R)-4,5,6,7-tetrahydrothieno[3,2-c]pyridine-6-carboxylic acid hydrochloride underwent a sequence of N-sulfonylation with 4-MeOC6H4SO2Cl, amidation with H2NOCH2CH:CH2.HCl, and Pd-mediated deallylation, to give preferred title compd. II. In tests for protection of guinea pig cartilaginous matrix against IL-1.β-induced degrdn., II gave 98% protection of collagens and 45% protection of proteoglycans.

L5 ANSWER 74 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:699013 CAPLUS
 DN **128:28562**
 TI Developer and method for processing of silver halide photographic material
 IN Watanabe, Harumi; Sasaki, Hirotomo
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 40 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09274290	A2	19971021	JP 1996-325522	19961205
				JP 1996-21280	19960207

OS MARPAT 128:28562
 GI



AB The title developer soln. contains 0.3-1.5 mol/L a carbonate as main developer and .gtoreq.1 I (R1-4 = substituent; at least 1 of R1-R4 is mercapto group) preferably 0.01-10 mmol/L. The invention can reduce Ag pollution without affecting photog. properties.

L5 ANSWER 75 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:549379 CAPLUS
 DN **127:162011**
 TI Preparation of heterocycle-condensed morphinoid derivatives for use as analgesics
 IN Dondio, Giulio; Ronzoni, Silvano; Gatti, Pier Andrea; Graziani, Davide
 PA Smithkline Beecham S.P.A., Italy; Dondio, Giulio; Ronzoni, Silvano; Gatti, Pier Andrea; Graziani, Davide
 SO PCT Int. Appl., 49 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

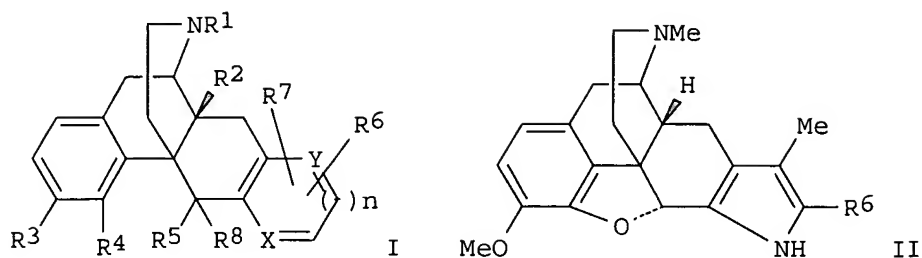
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PI	WO 9725331	A1	19970717	WO 1997-EP120	19970108

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 RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

IT 1996-MI29 A 19960110

CA 2242609	AA	19970717	IT 1996-MI2291 A 19961105 CA 1997-2242609 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 AU 1997-14410 19970108
AU 9714410	A1	19970801	
AU 706370	B2	19990617	IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 EP 1997-901009 19970108
EP 880526	A1	19981202	
EP 880526	B1	20021218	
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO			
CN 1213372	A	19990407	IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 CN 1997-192879 19970108
CN 1090190	B	20020904	
BR 9707136	A	19990831	IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 BR 1997-7136 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 NZ 1997-326331 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 JP 1997-524871 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 AT 1997-901009 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 ES 1997-901009 19970108 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 ZA 1997-172 19970109 IT 1996-MI29 A 19960110 NO 1998-3169 19980709 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108 US 1999-101213 19990222 IT 1996-MI29 A 19960110 IT 1996-MI2291 A 19961105 WO 1997-EP120 W 19970108
NZ 326331	A	20000128	
JP 2000503019	T2	20000314	
AT 229958	E	20030115	
ES 2188888	T3	20030701	
ZA 9700172	A	19980709	
NO 9803169	A	19980909	
US 6365594	B1	20020402	

OS MARPAT 127:162011
GI



AB Substituted mono heterocycle-condensed morphinoid derivs. I [R¹ = H, alkyl, cycloalkyl, alkenyl, aryl, aralkyl; R² = H, OH, alkoxy, halogen, NO₂, amino, SH; R³ = H, alkyl, OH, alkoxy, halogen; R⁴ = R⁵ = H, OH, alkoxy, OPh; or R⁴R⁵ = O; R⁶ = carboxamide, acyl, thioacyl, carboxyl; R⁷ = H, alkyl, alkenyl, halogen; R⁸ = H, alkyl; X = Y = CH, O, S, NR¹; n = 0, 1], potent and selective delta opioid agonists and antagonists, were prepd for use as analgesics and for treating pathol. conditions which, customarily, can be treated with agonists and antagonists of the delta opioid receptor. Thus, morphinoid II [R⁶ = CON(CHMe₂)CH₂Ph] was prepd. by cyclization of 7,8-dihydrocodeinone and N-benzyl-N-isopropyl-2-phenylhydrazone. The morphinoid compds. showed affinities for the delta receptor ranging from 0.5 to 200 nM with delta selectivity ranging from 20 - 1500 times with respect to other opioid receptor types.

L5 ANSWER 76 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:499188 CAPLUS

DN **127:161844**

TI Preparation of pyrido-1,2,4-thiadiazines and pyrido-1,4-thiazines as openers of the KATP-regulated potassium channels

IN Pirotte, Bernard; Lebrun, Philippe; De Tullio, Pascal; Somers, Fabian; Delarge, Jacques Elie; Hansen, Holger Claus; Nielsen, Flemming Elmelund; Hansen, John Bondo

PA Novo Nordisk A/S, Den.

SO PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

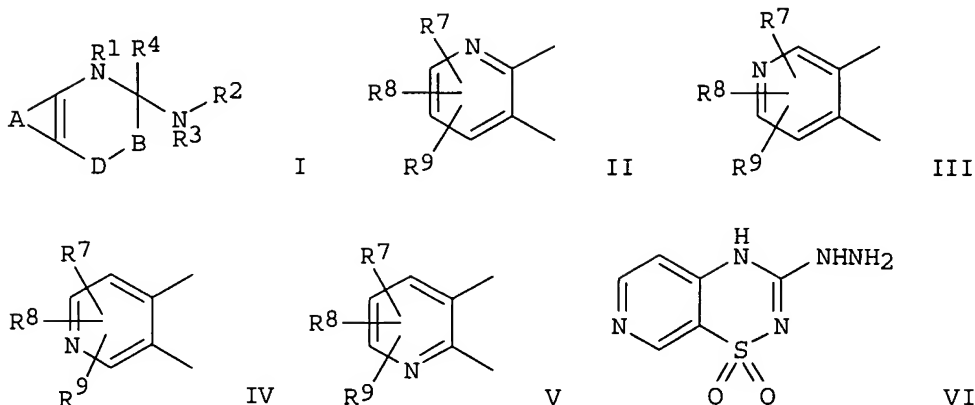
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PI	WO 9726264	A1	19970724	WO 1997-DK18	19970116
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	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
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				DK 1996-248	A 19960305
				DK 1996-249	A 19960305
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			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
AU 9714370	A1	19970811	AU 1997-14370	19970116
AU 727905	B2	20010104		
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			DK 1996-249	A 19960305
			WO 1997-DK18	W 19970116
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			DK 1996-246	A 19960305
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			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
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			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
			WO 1997-DK18	W 19970116
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			DK 1996-246	A 19960305
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			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
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			DK 1996-248	A 19960305
			DK 1996-249	A 19960305
			NO 1998-3285	19980716
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DK 1996-246 A 19960305
 DK 1996-247 A 19960305
 DK 1996-248 A 19960305
 DK 1996-249 A 19960305
 WO 1997-DK18 W 19970116

OS MARPAT 127:161844

GI



AB The title compds. [I; B = NR₅, CR₅R₆ (wherein R₅, R₆ = H, OH, C1-6 alkoxy, etc.; R₅R₄ = a bond); D = S(O₂), S(O); DB = S(O)(R₁₀):N (wherein R₁₀ = C1-6 alkyl, (un)substituted aryl, heteroaryl); R₁ = H, OH, C1-6 alkoxy, etc.; R₂ = H, OH, C1-6 alkyl, etc.; R₃ = aryl, heteroaryl, bicycloalkyl, etc.; R₂R₃ = 3-12 membered mono- or bicyclic system; A together with carbon atoms forms a pyridine ring selected from II, III, IV, V (wherein R₇-R₉ = H, halo, C1-12 alkyl, etc.)], useful in the treatment of diseases of the central nervous system, the cardiovascular system, pulmonary system, the gastrointestinal system and the endocrinol. system (such as hyperinsulinemia and diabetes), were prepd. and formulated. Thus, reaction of 3-methylsulfanyl-4H-pyrido[4,3-e]-1,2,4-thiadiazine 1,1-dioxide.H₂O with N₂H₄.H₂O afforded the title compd. VI which showed 75% residual insulin released from incubated pancreatic islets isolated by the collagenase method from fed female albino Wistar rats at 50 .mu.M.

L5 ANSWER 77 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:397336 CAPLUS

DN 127:17703

TI Preparation of (hetero)aromatic compounds for treating bone deficit conditions.

IN Petrie, Charles; Orme, Mark W.; Baidur, Nand; Robbins, Kirk G.; Harris, Scott M.; Kontoyianni, Maria; Hurley, Laurence H.; Kerwin, Sean M.; Mundy, Gregory R.

PA Zymogenetics, Inc., USA; Osteoscreen, Inc.; University of Texas At Austin

SO PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DT Patent

LA English

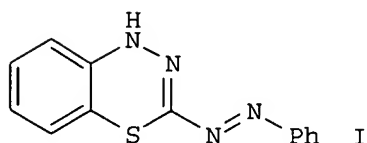
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9715308	A1	19970501	WO 1996-US17019	19961023

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 RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

CA 2235481	AA	19970501	US 1995-5830P P 19951023
			CA 1996-2235481 19961023
AU 9674710	A1	19970515	US 1995-5830P P 19951023
AU 706262	B2	19990610	AU 1996-74710 19961023
			US 1995-5830P P 19951023
			WO 1996-US17019W 19961023
EP 866710	A1	19980930	EP 1996-936906 19961023
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
			US 1995-5830P P 19951023
			WO 1996-US17019W 19961023
CN 1201393	A	19981209	CN 1996-197827 19961023
			US 1995-5830P P 19951023
BR 9611210	A	19991228	BR 1996-11210 19961023
			US 1995-5830P P 19951023
			WO 1996-US17019W 19961023
JP 2000513324	T2	20001010	JP 1997-516761 19961023
			US 1995-5830P P 19951023
			WO 1996-US17019W 19961023
US 6008208	A	19991228	US 1997-878868 19970619
			US 1995-5830P P 19951023
			US 1996-735875 B1 19961023
NO 9801810	A	19980622	NO 1998-1810 19980422
			US 1995-5830P P 19951023
			WO 1996-US17019W 19961023
US 6413998	B1	20020702	US 1999-453828 19991202
			US 1995-5830P P 19951023
			US 1996-735875 B1 19961023
			US 1997-878868 A3 19970619

OS MARPAT 127:17703
 GI



AB A method for treating deficient bone growth and/or undesirable bone resorption comprises administration of compds. comprising 2 (substituted) arom. systems spaced apart by a linker of 1.5-15 .ANG., is claimed. Thus, dithizone was refluxed in EtOH/HOAc for 18 h to give 25% title compd. (I). In a calvarial bone growth assay, I induced a 4-fold increase in width of new calvarial bone vs. controls.

L5 ANSWER 78 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:375288 CAPLUS

DN 127:81360

TI Preparation of dibenz[de,h]isoquinoline-1,3-diones antitumor agents
 IN Alberts, David S.; Dorr, Robert T.; Remers, William A.; Sami, Salah M.
 PA Research Corporation Technologies, Inc., USA
 SO U.S., 39 pp., Cont.-in-part of U.S. Ser. No. 943,634, abandoned.
 CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5635506	A	19970603	US 1993-142283	19931118
				US 1990-543596 B1	19900626
				US 1991-803314 B2	19911204
				US 1992-943634 B2	19920911
				WO 1993-US8640 W	19930913
				WO 1993-US8640	19930913
	WO 9406771	A1	19940331		
	W:	AU, CA, JP, US			
	RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
				US 1992-943634 A2	19920911

PATENT FAMILY INFORMATION:

FAN 1992:214369

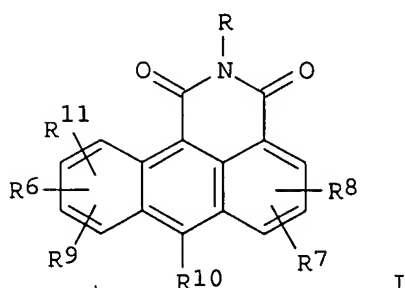
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				US 1990-543596 A	19900626
	AU 9180501	A1	19920123	AU 1991-80501	19910619
	AU 643539	B2	19931118		
				US 1990-543596 A	19900626
				WO 1991-US4364 A	19910619
	EP 536208	A1	19930414	EP 1991-911663	19910619
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				WO 1991-US4364 W	19910619
	JP 05508639	T2	19931202	JP 1991-511780	19910619
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				US 1990-543596 A	19900626
				WO 1991-US4364 W	19910619
	AT 162526	E	19980215	AT 1991-911663	19910619
				US 1990-543596 A	19900626
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FAN 1995:319736

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9406771	A1	19940331	WO 1993-US8640	19930913
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	AU 9351278	A1	19940412	AU 1993-51278	19930913
				US 1992-943634 A	19920911
				WO 1993-US8640 W	19930913

EP 660824	A1	19950705	EP 1993-922191	19930913
R: AT, BE, CH, DE, DK, ES, FR, GB, IE, IT, LI, NL, SE				
			US 1992-943634 A	19920911
			WO 1993-US8640 W	19930913
JP 08501312	T2	19960213	JP 1993-508237	19930913
			US 1992-943634 A	19920911
			WO 1993-US8640 W	19930913
US 5635506	A	19970603	US 1993-142283	19931118
			US 1990-543596 B1	19900626
			US 1991-803314 B2	19911204
			US 1992-943634 B2	19920911
			WO 1993-US8640 W	19930913

OS MARPAT 127:81360
GI



AB Title compds. [I; R = Z1Z1NR12R13; R6,R8,R10 = H, halo, alkyl, alkoxy, etc.; R7,R9,R11 = H or alkyl; R9R11,R9R10,R7R10 = CH:CHCH:CH; R12,R13 = H or (un)substituted Ph; NR12R13 = heterocyclyl; Z1 = bond, alkylene, arylene; Z2 = bond; Z2R12 = atoms to form a heterocyclic ring] were prepd. Thus, anthracene-1,9-dicarboxylic acid was treated with acetic anhydride and the product cyclocondensed with H2NCH2CH2NMe2 to give I (R = CH2CH2NMe2, R6-R11 = H). Data for biol. activity of I were given.

L5 ANSWER 79 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:278986 CAPLUS

DN 126:251151

TI Preparation and formulation of benzodioxoleacetic acid and phenylacetic acid derivatives as endothelin antagonists

IN Hayashi, Kunio; Yamamori, Teruo; Kanda, Yasuhiko

PA Shionogi and Co., Ltd., Japan; Hayashi, Kunio; Yamamori, Teruo; Kanda, Yasuhiko

SO PCT Int. Appl., 104 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

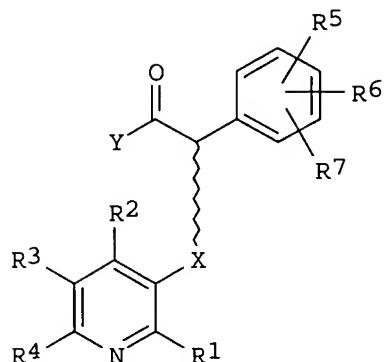
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PI	WO 9710214	A1	19970320	WO 1996-JP2607	19960912
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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI

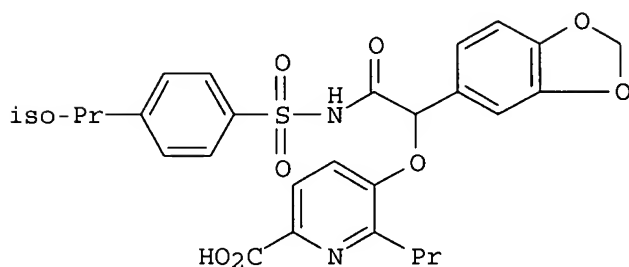
AU 9669446	A1	19970401	JP 1995-262337	19950914
			AU 1996-69446	19960912
			JP 1995-262337	19950914
			WO 1996-JP2607	19960912

OS MARPAT 126:251151

GI



I



II

AB The title compds. I [R1 to R7 represent each hydrogen, halogeno, optionally substituted lower alkyl, etc.; and X represents O, S or NR15; R15 represents hydrogen or optionally substituted lower alkyl; Y = OH, NHSO2Z; Z = (un)substituted aryl, etc.] are prepd. In the in vitro test for endothelin A receptor antagonism, the title compd. II showed IC50 of 2.4 nM. In the test for endothelin B receptor antagonism, the title compd. II showed IC50 of 290 nM.

L5 ANSWER 80 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:94070 CAPLUS

DN 126:103115

TI Peptide analogs and their use as haptens to elicit catalytic antibodies

IN Hansen, David E.

PA Igen, Inc., USA

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

 PI WO 9639443 A1 19961212 WO 1996-US9450 19960605
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 ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS,
 LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,
 SE, SG
 RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
 IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN
 US 1995-471140 19950606
 AU 9661001 A1 19961224 AU 1996-61001 19960605
 US 1995-471140 19950606
 WO 1996-US9450 19960605
 OS MARPAT 126:103115
 AB Haptens capable of eliciting antibodies which can catalyze chem. reactions
 comprise a hapten or a hapten and a suitable carrier mol. In particular,
 spiro[4.4]nonane contg. dipeptide analogs, which mimic both a
 torsionally-distorted peptide ground state and the transition state for
 peptide bondhydrolysis, are described, along with methods of their
 synthesis and their coupling with amino acids of the D-configuration are
 described. Antibodies which are catalytically active for chem. reactions,
 in particular, the cleavage or formation of a selected peptide bond, and
 which are elicited by such antigens are disclosed as well as methods for
 producing the antibodies and methods for catalyzing the cleavage or
 formation of a peptide bond in a mol.
 L5 ANSWER 81 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:41865 CAPLUS
 DN 126:59967
 TI Preparation of 2-pyrimidino alkyl ethers and thioethers as inhibitors of
 viral reverse transcriptase
 IN Nugent, Richard A.; Wishka, Donn G.; Cleek, Gary J.; Graber, David R.;
 Schlachter, Stephen Thomas; Murphy, Michael J.; Morris, Joel; Thomas,
 Richard C.
 PA Upjohn Co., USA; Nugent, Richard A.; Wishka, Donn G.; Cleek, Gary J.;
 Graber, David R.; Schlachter, Stephen Thomas; Murphy, Michael J.; Morris,
 Joel; Thomas, Richard C.
 SO PCT Int. Appl., 252 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9635678	A1	19961114	WO 1996-US6119	19960503
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR				
US 1995-436708	A2	19950508		
ZA 9603281	A	19971024	ZA 1996-3281	19960424
US 1995-436708	A	19950508		
CA 2216099	AA	19961114	CA 1996-2216099	19960503
US 1995-436708	A	19950508		
AU 9656353	A1	19961129	AU 1996-56353	19960503
AU 712404	B2	19991104		
US 1995-436708	A	19950508		

EP 824524	A1	19980225	WO 1996-US6119 W 19960503
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CN 1183773	A	19980603	US 1995-436708 A 19950508
BR 9608265	A	19990202	WO 1996-US6119 W 19960503
JP 11507017	T2	19990622	CN 1996-193791 19960503
RU 2167155	C2	20010520	US 1995-436708 A 19950508
TW 450962	B	20010821	BR 1996-8265 19960503
US 6043248	A	20000328	US 1995-436708 A 19950508
NO 9705129	A	19980107	WO 1996-US6119 W 19960503
			JP 1996-534120 19960503
			US 1995-436708 A 19950508
			WO 1996-US6119 W 19960503
			RU 1997-120116 19960503
			US 1995-436708 A 19950508
			WO 1996-US6119 W 19960503
			TW 1996-85105432 19960507
			US 1995-436708 A 19950508
			US 1997-945153 19971017
			US 1995-436708 B219950508
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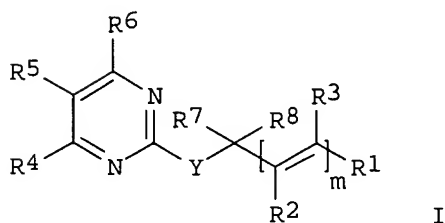
PATENT FAMILY INFORMATION:

FAN 2000:205644

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6043248	A	20000328	US 1997-945153	19971017
			US 1995-436708 B219950508	
			WO 1996-US6119 W 19960503	
WO 9635678	A1	19961114	WO 1996-US6119	19960503
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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR				
			US 1995-436708 A219950508	

OS MARPAT 126:59967

GI



AB The title compds. [I; R1 = C.tplbond.CH, 2-pyridylcarbonyl, benzoyl, etc.; R2, R3 = H, C1-4 alkyl; R4 = H, OH, NH2, etc.; R5 = H, C2H4OH, halo, etc.; R6 = H, OH, halo, etc.; R7 = H, C1-6 alkyl, C3-6 cycloalkyl, etc.; R8 = H,

Cl-6 alkyl, CF₃; Y = S, SO, SO₂, O; m = 0-1], useful as anti-AIDS drugs, were prep'd. Thus, treatment of 4-amino-6-chloro-2-thiopyrimidine in EtOH with 3.25N NaOH followed by addn. of 4-chloro-2-chloromethylpyridine afforded I [R₁ = 4-chloro-2-pyridyl; R₄ = Cl; R₅, R₇, R₈ = H; R₆ = NH₂; m = 0] which showed IC₅₀ of 0.03 .mu.M against P236L reverse transcriptase.

L5 ANSWER 82 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:731810 CAPLUS

DN 126:8707

TI Preparation of beta-sheet mimetics of peptides or proteins as inhibitors of biologically active peptides or proteins

IN Kahn, Michael

PA Molecumetics Ltd., USA

SO PCT Int. Appl., 158 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9630035	A1	19961003	WO 1996-US4044	19960325
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				US 1995-410518 A	19950324
				US 1995-549006 A	19951027
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				US 1995-410518 A	19950324
				US 1995-549006 A	19951027
	AU 9653714	A1	19961016	AU 1996-53714	19960325
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				US 1995-410518 A	19950324
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				US 1995-549006 A	19951027
				WO 1996-US4044 W	19960325
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				WO 1996-US4044 W	19960325
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				US 1995-410518 A	19950324
				US 1995-549006 A	19951027
				JP 1996-529594 A3	19960325
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				US 1995-410518 A	19950324
				US 1995-549006 A	19951027
	US 6020331	A	20000201	US 1998-9386	19980120

US 6245764	B1	20010612	US 1995-410518 B219950324
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			US 1996-624695 B119960325
			US 1998-9665 19980120
			US 1995-410518 B219950324
			US 1995-549006 B219951027
			US 1996-624690 B219960325
US 6586426	B1	20030701	US 1996-725073 B119961002
			US 1999-443055 19991118
			US 1995-410518 B219950324
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			US 1998-9386 A319980120

PATENT FAMILY INFORMATION:

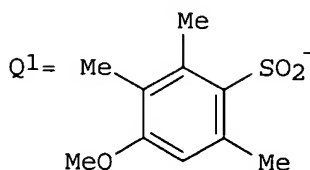
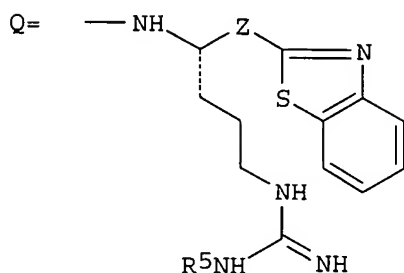
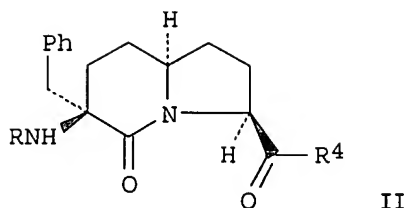
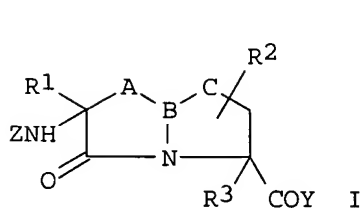
FAN 1996:731812

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WO 9630396	A1	19961003	WO 1996-US4115	19960325
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			US 1995-549006 A	19951027
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			US 1996-624690 B219960325	
			US 1996-725073 B119961002	

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			US 1998-9386	A319980120
FAN 1998:112235				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 9805333	A1	19980212	WO 1997-US13622	19970805
W: AL, AM, AT, AU, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
			US 1996-692420 A	19960805
			US 1996-725073 A	19961002
			US 1997-797915 A	19970210
			US 1997-47067P P	19970519
AU 9739058	A1	19980225	AU 1997-39058	19970805
AU 732174	B2	20010412		
			US 1996-692420 A	19960805
			US 1996-725073 A	19961002
			US 1997-797915 A	19970210
			US 1997-47067P P	19970519
			WO 1997-US13622W	19970805
EP 915700	A1	19990519	EP 1997-936371	19970805
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
			US 1996-692420 A	19960805
			US 1996-725073 A	19961002
			US 1997-797915 A	19970210
			US 1997-47067P P	19970519
			WO 1997-US13622W	19970805
NZ 334227	A	20001027	NZ 1997-334227	19970805
			US 1996-692420 A	19960805
			US 1996-725073 A	19961002
			US 1997-797915 A	19970210
			US 1997-47067P P	19970519
			WO 1997-US13622W	19970805
JP 2001524931	T2	20011204	JP 1998-508118	19970805
			US 1996-692420 A	19960805
			US 1996-725073 A	19961002
			US 1997-797915 A	19970210
			US 1997-47067P P	19970519
			WO 1997-US13622W	19970805
US 6245764	B1	20010612	US 1998-9665	19980120
			US 1995-410518	B219950324
			US 1995-549006	B219951027
			US 1996-624690	B219960325
			US 1996-725073	B119961002
US 6117896	A	20000912	US 1998-22934	19980212
			US 1997-797915	B219970210
			US 1997-47067P P	19970519
NO 9900522	A	19990330	NO 1999-522	19990204
			US 1996-692420 A	19960805

KR 2000029838	A	20000525	US 1996-725073 A	19961002
			US 1997-797915 A	19970210
			US 1997-47067P P	19970519
			WO 1997-US13622W	19970805
			KR 1999-700994	19990205
US 6372744	B1	20020416	US 1996-692420 A	19960805
			US 1996-725073 A	19961002
			US 1997-797915 A	19970210
			US 1997-47067P P	19970519
			US 2000-501052	20000209
US 2003027819	A1	20030206	US 1996-692420 B2	19960805
			US 1997-797915 B2	19970210
			US 1997-47067P P	19970519
			WO 1997-US13622A2	19970805
			US 1998-22934 A3	19980212
			US 2001-960864	20010921
			US 1996-692420 B3	19960805
			US 1997-797915 B3	19970210
			US 1997-47067P P	19970519
			WO 1997-US13622W	19970805
			US 1998-22934 A3	19980212
			US 2000-501052 A1	20000209

OS MARPAT 126:8707
GI



AB There are disclosed .beta.-sheet mimetics [I; R1 - R3 = amino acid side chain moiety or its deriv.; A = CO, (CH2)1-4, (CH2)1-2-O, (CH2)1-2-S; B = N, CH; C = CO, (CH2)1-3, O, S, O(CH2)1-2, S(CH2)1-2; Y, Z = the remainder of the mol.; or any 2 adjacent CH groups of the bicyclic ring may form a double bond] and methods relating to the same for imparting or stabilizing the .beta.-sheet structure of a peptide, protein or mol. In one aspect, the .beta.-sheet mimetics are covalently attached at the end or within the length of the peptide or protein. The .beta.-sheet mimetics have utility as inhibitors of one or more of proteases, kinases, CAAX motif (Ras prenylation of the Cys within its C-terminal CAAX sequence by farnesyl transferase, wherein "A" is defined as an amino acid with a hydrophobic

side chain and "X" is another amino acid), peptides binding to SH2 domains, and MHC-I and/or MHC-II (major histocompatibility complex class I and class II) presentation of peptides to T cell receptors in warm-blooded animals. Thus, azabicyclo[4.3.0]nonane deriv. (II; R = Boc, R4 = OH) (prepn. given) was condensed with benzothiazolylarginol deriv. (H-Q.CF3CO2H; R5 = Q1, Z = CHOH) using 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride, HOBt, and (Me2CH)2NEt in THF to give arginol deriv. II (R = Boc, R4 = Q, R5 = Q1 Z = CHOH), which was oxidized by Dess-Martin periodinane in CH2Cl2 to arginine deriv. II (R = Boc, R4 = Q, R5 = Q1 Z = CO) and deprotected 95% aq. CF3CO2H and thioanisole at room temp. for 20 h to give, after HPLC purifn., the .beta.-sheet mimetic II (R = H, R4 = Q, R5 = H, Z = CO). The latter compd. in vitro inhibited various serine proteases such as thrombin, factor VII, factor X, factor XI, urokinase, thrombin-thrombomodulin complex, activated protein C, plasmin, tissue plasminogen activator, trypsin, and tryptase, e.g. with Ki of 8.50 .times. 10-11 M for thrombin.

L5 ANSWER 83 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:716174 CAPLUS

DN 125:331558

TI Indoanilines and their metal complexes, their preparation, and recording mediums comprising them

IN Ohashi, Reiji; Ryu, Yukiko; Nagai, Tomoaki; Yoshioka, Hidetoshi

PA Nippon Paper Industries Co., Ltd., Japan

SO Eur. Pat. Appl., 102 pp.

CODEN: EPXXDW

DT Patent

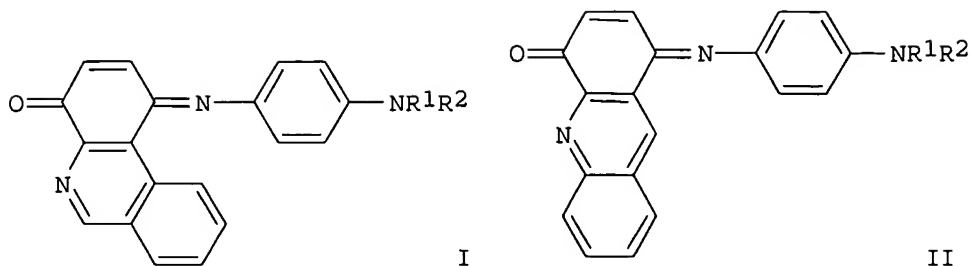
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 737722	A2	19961016	EP 1996-105788	19960412
	EP 737722	A3	19961023		
	R: DE, FR, GB				
				JP 1995-113580 A	19950414
	JP 08337586	A2	19961224	JP 1996-94672	19960326
	JP 3271893	B2	20020408		
				JP 1995-113580 A	19950414
	US 5792863	A	19980811	US 1996-631947	19960415
				JP 1995-113580 A	19950414
	US 5892042	A	19990406	US 1997-933609	19970918
				JP 1995-113580 A	19950414
				US 1996-631947 A3	19960415
	US 5919928	A	19990706	US 1997-933604	19970918
				JP 1995-113580 A	19950414
				US 1996-631947 A3	19960415

OS CASREACT 125:331558; MARPAT 125:331558

GI



AB Metal complexes of indoanilines I and II ($R_1, R_2 = H$, alkyl, aryl, or NR_1R_2 forms a heterocycle with the N in a 5- or 6-membered ring; the unfused benzene ring may bear 1-4 electron-donating substituents and the acridine or phenanthridine moiety may bear 1-7 electron-withdrawing substituents) have a large absorption in the near-IR range and a reduced absorption in the visible range, which makes them useful for forming an image in a transparent recording medium by use of a near-IR laser. Thus, 2-HOC6H4NH₂ was condensed with 2-ClC6H4CHO and the product cyclized to give 4-hydroxyphenanthridine, which was oxidatively coupled with 4,3-H₂NMeC6H3NEt₂·HCl by use of AgNO₃ and NH₄OH to give I ($R_1 = R_2 = Et$; Me on benzene ring ortho to imine N). This was complexed with Cu(ClO₄)₂ to give black crystals with λ_{max} in acetone 795 nm (ϵ 163,000).

L5 ANSWER 84 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:701501 CAPLUS

DN 125:328514

TI Preparation of benzamidine derivatives as anticoagulants

IN Buckman, Brad O.; Davey, David D.; Guilford, William J.; Morrissey, Michael M.; Ng, Howard P.; Phillips, Gary B.; Wu, Shung C.; Xu, Wei

PA Berlex Laboratories, Inc., USA

SO PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9628427	A1	19960919	WO 1996-US2641	19960308
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5691364	A	19971125	US 1995-401829 A	19950310
				US 1995-473385 A2	19950607
				US 1995-473385	19950607
				US 1995-401829 B2	19950310
	AU 9652994	A1	19961002	AU 1996-52994	19960308
	AU 707323	B2	19990708		
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
				WO 1996-US2641 W	19960308
	EP 813525	A1	19971229	EP 1996-909536	19960308
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
				WO 1996-US2641 W	19960308

JP 2000515846	T2	20001128	JP 1996-527640	19960308
			US 1995-401829 A	19950310
			WO 1996-US2641 W	19960308
US 6004981	A	19991221	US 1997-913241	19971208
			WO 1996-US2641 W	19960308
US 6306884	B1	20011023	US 1999-436399	19991108
			US 1995-401829 B2	19950310
			US 1995-473385 A2	19950607
			WO 1996-US2641 W	19960308
			US 1997-913241 A3	19971208
US 2002028820	A1	20020307	US 2001-924893	20010807
			WO 1996-US2641 W	19960308
			US 1997-913241 A3	19971208
			US 1999-436399 A3	19991108
US 2002035109	A1	20020321	US 2001-924413	20010807
US 6479485	B2	20021112		
			WO 1996-US2641 W	19960308
			US 1997-913241 A3	19971208
			US 1999-436399 A3	19991108
US 2002032223	A1	20020314	US 2001-924412	20010808
US 6465459	B2	20021015		
			WO 1996-US2641 W	19960308
			US 1997-913241 A3	19971208
			US 1999-436399 A3	19991108

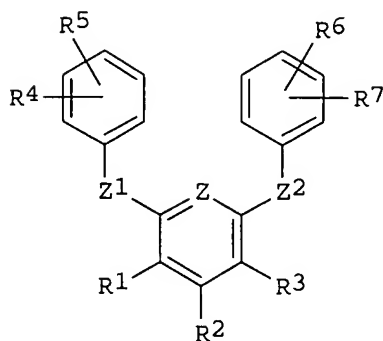
PATENT FAMILY INFORMATION:

FAN 1997:761738

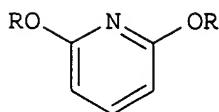
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5691364	A	19971125	US 1995-473385	19950607
	CA 2214685	AA	19960919	US 1995-401829 B2	19950310
	WO 9628427	A1	19960919	CA 1996-2214685	19960308
	W: AU, CA, JP, US			US 1995-401829 A	19950310
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			US 1995-473385 A	19950607
	AU 9652994	A1	19961002	WO 1996-US2641	19960308
	AU 707323	B2	19990708		
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
				WO 1996-US2641 W	19960308
EP 813525	A1	19971229	EP 1996-909536	19960308	
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1995-401829 A	19950310
				US 1995-473385 A	19950607
				WO 1996-US2641 W	19960308
US 5877181	A	19990302	US 1997-910774	19970813	
			US 1995-401829 B2	19950310	
			US 1995-473385 A3	19950607	
US 5883100	A	19990316	US 1997-910614	19970813	
			US 1995-401829 B2	19950310	
			US 1995-473385 A3	19950607	
US 5889005	A	19990330	US 1997-910876	19970813	
			US 1995-401829 B2	19950310	
			US 1995-473385 A3	19950607	

US 6034103	A	20000307	US 1997-910609	19970813
			US 1995-401829	B219950310
US 6306884	B1	20011023	US 1995-473385	A319950607
			US 1999-436399	19991108
			US 1995-401829	B219950310
			US 1995-473385	A219950607
			WO 1996-US2641	W 19960308
US 6350746	B1	20020226	US 1997-913241	A319971208
			US 1999-457457	19991208
			US 1995-401829	B219950310
			US 1995-473385	A319950607
			US 1997-910609	A319970813

OS MARPAT 125:328514
GI



I



II

AB Title compds., e.g., I [R1,R3 = H, halo, alkyl, alkoxy, etc.; R2 = H, halo, alkyl, OR8, etc.; R4,R7 = H, halo, alkyl, OR8, etc.; R5 = C(:NH)NH2, C(:NH)NHOR8, C(:NH)NHCOR8, etc.; R6 = halo, alkyl, haloalkoxy, etc.; R8 = H, (ar)alkyl, aryl; Z = CR11 or N; R11 = H, halo, alkyl; Z1,Z2 = O, NR8, S, OCH2] were prepd. as anticoagulants (no data). Thus, 2,6-difluoropyridine was bis-etherified by 3-(NC)C6H4OH and the product treated successively with HCl and NH3 to give title compd. II.2HCl [R = C6H4 [C(:NH)NH2] -3] .

L5 ANSWER 85 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:672656 CAPLUS
DN **125:328144**
TI Stereoselective ring opening reactions
IN Jacobsen, Eric N.; Leighton, James L.; Martinez, Luis E.
PA President and Fellows of Harvard College, USA
SO PCT Int. Appl., 100 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628402	A1	19960919	WO 1996-US3493	19960314
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML

US 5665890	A	19970909	US 1995-403374 A 19950314
CA 2213007	AA	19960919	US 1995-403374 19950314
			CA 1996-2213007 19960314
			US 1995-403374 A 19950314
AU 9653639	A1	19961002	AU 1996-53639 19960314
AU 708622	B2	19990805	

			US 1995-403374 A 19950314
			WO 1996-US3493 W 19960314
EP 817765	A1	19980114	EP 1996-910448 19960314

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

			US 1995-403374 A 19950314
			WO 1996-US3493 W 19960314
JP 11502198	T2	19990223	JP 1996-527817 19960314
			US 1995-403374 A 19950314
			WO 1996-US3493 W 19960314
PL 184857	B1	20030131	PL 1996-327632 19960314
			US 1995-403374 A 19950314
			WO 1996-US3493 W 19960314
NO 9704234	A	19971113	NO 1997-4234 19970912
			US 1995-403374 A 19950314
			WO 1996-US3493 W 19960314

PATENT FAMILY INFORMATION:

FAN 1999:468087

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5929232	A	19990727	US 1996-622549	19960325
	US 5665890	A	19970909	US 1995-403374 A219950314	
	CA 2213007	AA	19960919	US 1995-403374 19950314	
	US 6262278	B1	20010717	CA 1996-2213007 19960314	
				US 1995-403374 A 19950314	
	US 2002032338	A1	20020314	US 1998-134393 19980814	
	US 6448414	B2	20020910	US 1995-403374 A219950314	
				US 1996-622549 A219960325	
				US 2001-899516 20010705	
				US 1995-403374 A219950314	
				US 1996-622549 A219960325	
				US 1998-134393 A119980814	
	US 2003139614	A1	20030724	US 2002-206143 20020726	
				US 1995-403374 A219950314	
				US 1996-622549 A219960325	
				US 1998-134393 A119980814	
				US 2001-899516 A120010705	

FAN 2000:133645

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000009463	A1	20000224	WO 1999-US18305	19990813
	W: AU, CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6262278	B1	20010717	US 1998-134393 A 19980814	
				US 1998-134393 19980814	
				US 1995-403374 A219950314	
	CA 2339618	AA	20000224	US 1996-622549 A219960325	
				CA 1999-2339618 19990813	

				US 1998-134393 A	19980814
				WO 1999-US18305W	19990813
AU	9956732	A1	20000306	AU 1999-56732	19990813
				US 1998-134393 A	19980814
				WO 1999-US18305W	19990813
EP	1104395	A1	20010606	EP 1999-943685	19990813
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1998-134393 A	19980814
				WO 1999-US18305W	19990813
JP	2002522515	T2	20020723	JP 2000-564918	19990813
				US 1998-134393 A	19980814
				WO 1999-US18305W	19990813
FAN	2001:521942				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 6262278	B1	20010717	US 1998-134393	19980814
				US 1995-403374 A2	19950314
				US 1996-622549 A2	19960325
	US 5665890	A	19970909	US 1995-403374	19950314
	US 5929232	A	19990727	US 1996-622549	19960325
				US 1995-403374 A2	19950314
	CA 2339618	AA	20000224	CA 1999-2339618	19990813
				US 1998-134393 A	19980814
				WO 1999-US18305W	19990813
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	W: AU, CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
				US 1998-134393 A	19980814
AU	9956732	A1	20000306	AU 1999-56732	19990813
				US 1998-134393 A	19980814
				WO 1999-US18305W	19990813
EP	1104395	A1	20010606	EP 1999-943685	19990813
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
				US 1998-134393 A	19980814
				WO 1999-US18305W	19990813
JP	2002522515	T2	20020723	JP 2000-564918	19990813
				US 1998-134393 A	19980814
				WO 1999-US18305W	19990813
US	2002032338	A1	20020314	US 2001-899516	20010705
US	6448414	B2	20020910		
				US 1995-403374 A2	19950314
				US 1996-622549 A2	19960325
				US 1998-134393 A1	19980814
US	2003139614	A1	20030724	US 2002-206143	20020726
				US 1995-403374 A2	19950314
				US 1996-622549 A2	19960325
				US 1998-134393 A1	19980814
				US 2001-899516 A1	20010705
OS	CASREACT 125:328144; MARPAT 125:328144				
AB	The title process comprises reacting a nucleophile and a chiral or prochiral carbocyclic or heterocyclic substrate having a center susceptible to nucleophilic attack in the presence of a chiral catalyst comprising an asym. tetradentate ligand complexed with a metal atom to produce a stereoisomerically or regioselectively enriched product. Thus, 3,4-epoxycyclopentanone (prepn. given) was treated with Me3SiN3 in Et2O				

contg. a catalyst of the invention (prepn. given) and the product treated with Al₂O₃ to give (R)-4-trimethylsilyloxy-2-cyclopentenone of >94% e.e. in 77% overall yield.

L5 ANSWER 86 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:580023 CAPLUS

DN 125:208295

TI Photographic bleaching compositions and processing method using ternary iron carboxylate complexes as bleaching agents

IN Buchanan, John M.; Brown, Eric R.; Gordon, Stuart

PA Eastman Kodak Company, USA

SO Eur. Pat. Appl., 25 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 723194	A1	19960724	EP 1996-200028	19960105
	EP 723194	B1	20010926		
	R: BE, CH, DE, FR, GB, IT, LI, NL				
	US 5582958	A	19961210	US 1995-370997 A	19950110
	JP 08240893	A2	19960917	JP 1996-2344	19960110
	JP 2801575	B2	19980921		
				US 1995-370997 A	19950110

OS MARPAT 125:208295

AB A photog. bleaching or bleach/fixing compn. contains a water-sol. ternary complex of an iron ion, a polycarboxylate ligand, and a second ligand which has at least one carboxyl group on an arom. nitrogen heterocycle, such as a pyridinecarboxylic acid. Preferred materials are biodegradable, but all of the ternary complexes can be used in a variety of bleach or bleach/fix processes to good advantage as bleaching agents. They are particularly suitable for use in rehalogenating ferric chelate bleaches.

L5 ANSWER 87 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:392057 CAPLUS

DN 125:114628

TI 2-Oxopyrrolo[1,2-a]benzimidazole-3-carboxyl derivatives useful in treating central nervous system disorders

IN Ho, Winston; Maryanoff, Bruce E.; McComsey, David F.; Nortey, Samuel O.

PA USA

SO U.S., 9 pp., Cont. of U.S. Ser. No. 175, 705, abandoned.

CODEN: USXXAM

DT Patent

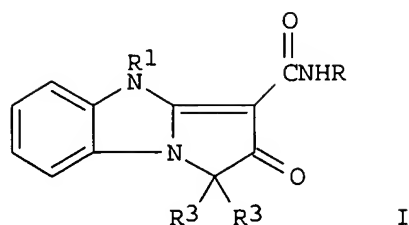
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5521200	A	19960528	US 1994-332687	19941101
				US 1993-175705	19931230

OS MARPAT 125:114628

GI



AB I were prepd. (R = 4-pyridyl, 4-Me2NC6H4, 2,5-, 2,5- and 2,4-F2C6H4, 2,4,6-F3C6H2, R1 = R2 = H; R = 2,6-F2C6H4, R1 = R2 = Me or R1 = Et, R2 = H) and are useful in treating disorders of the central nervous system. Pharmaceutical compns. and methods of treatment are also disclosed.

L5 ANSWER 88 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:388202 CAPLUS

DN 125:49344

TI Natriuretic cyclic compounds

IN Wechter, William J.; Murray, David E.; Kantoci, Darko; Levine, Barry H.; Benaksas, Elaine J.

PA Loma Linda University Medical Center, USA

SO PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DT Patent

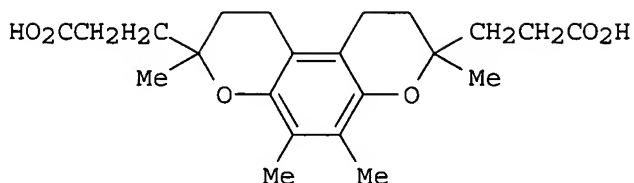
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9605191	A1	19960222	WO 1995-US10411	19950815
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6150402	A	20001121	US 1994-290430 A	19940815
AU 9533277	A1	19960307	US 1994-290430	19940815
			AU 1995-33277	19950815
			US 1994-290430 A	19940815
EP 792270	A1	19970903	WO 1995-US10411W	19950815
EP 792270	B1	20030507	EP 1995-929559	19950815
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
			US 1994-290430 A	19940815
			WO 1995-US10411W	19950815
JP 10506383	T2	19980623	JP 1996-507600	19950815
			US 1994-290430 A	19940815
			WO 1995-US10411W	19950815
AT 239465	E	20030515	AT 1995-929559	19950815
			US 1994-290430 A	19940815
			WO 1995-US10411W	19950815
US 6083982	A	20000704	US 1998-57731	19980409
			US 1994-290430 A31	19940815

OS MARPAT 125:49344

GI



AB A natriuretic compds. (I; R, = O, S, SO, SO₂, amino, phosphate, phosphoester, methylene; R₁-R₄ = H, OH, alkyl, aryl, alkenyl, alkynyl, arom., ether, ester, amine, amide, halogen, sulfonyl, etc.; R₅ = H, OH, alkyl, aryl, alkenyl, alkynyl, arom., ester, amine; R₆ = CO₂H, CO₂R₇, CONH₂, CONHR₇, etc.; R₇ = alkyl, aryl, alkaryl, alkenyl, etc.; n = 0-3; m = 0-5) are claimed. Methods for isolating and synthesizing the natriuretic compds. are also provided. The natriuretic compds. and their pharmaceutical compns. can be used for inducing sodium excretion without inducing corresponding prolonged potassium excretion and for treatment of hypertension, ischemia, angina pectoris, HIV infection or AIDS.

L5 ANSWER 89 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:377534 CAPLUS

DN **125:99954**

TI Photographic peracid bleaching composition and processing method using ternary iron carboxylate complex as catalyst in peracid bleaching solution

IN Buchanan, John M.; Brown, Eric R.; Gordon, Stuart T.

PA Eastman Kodak Company, USA

SO U.S., 15 pp.

CODEN: USXXAM

DT Patent

LA English

FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5521056	A	19960528	US 1995-370743	19950110
				US 1995-370743	19950110

OS MARPAT 125:99954

AB A photog. peracid bleaching compn. contains a peracid bleaching agent, and a water-sol. ternary complex of ferric ion, a polycarboxylate ligand, and a second ligand which has at least one carboxyl group on an arom. nitrogen heterocycle, such as a pyridinecarboxylic acid. The complex acts as a catalyst for the peracid bleaching agent. Preferred complex is biodegradable.

L5 ANSWER 90 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:341819 CAPLUS

DN **125:10614**

TI Preparation of benzannelated five-membered heterocyclecarboxamides as 5-HT receptor antagonists

IN Forbes, Ian Thomson; Jones, Graham Elgin; King, Francis David; Ham, Peter; Davies, David Thomas; Moghe, Angela

PA Smithkline Beecham Plc, UK

SO PCT Int. Appl., 28 pp.

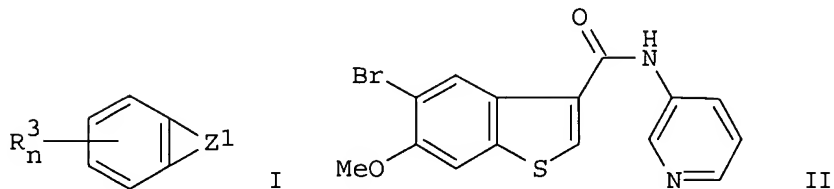
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9602537	A1	19960201	WO 1995-EP2637	19950706
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 770076	A1	19970502	EP 1995-943540	19950706
	R: BE, CH, DE, FR, GB, IT, LI, NL				
				GB 1994-14139	19940713
				WO 1995-EP2637	19950706
	JP 10502653	T2	19980310	JP 1995-504647	19950706
				GB 1994-14139	19940713
				WO 1995-EP2637	19950706
	US 5922733	A	19990713	US 1997-765933	19970630
				GB 1994-14139	19940713
				WO 1995-EP2637	19950706
OS	MARPAT 125:10614				
GI					



AB Title compds. [I; R3 = halo, NH2, OH, alkyl, etc.; Z1 = XYZCONR2Z2R1 or X:YZCONR2Z2R1 (Z = CH or N), XY:ZCONR2Z2R1 (Z = C); R1 = H, halo, alkyl, alkoxy, etc.; R2 = H or alkyl; X,Y = O, S, CO, CH, CH2, NH, etc; Z2 = phenylene, (iso)quinolinediyl, heterocyclylene; n = 0-3] were prepd. as 5-HT2B and 5-HT2C receptor antagonists. Thus, 4,3-Br(MeO)C6H3SH was etherified by BrCH2COCO2Et and the product cyclized to give, after sapon., 5-bromo-6-methoxybenzo[b]thiophene-3-carboxylic acid which was amidated by 3-aminopyridine to give title compd. II. Selected I had Ki.gtoreq.7.2 for binding to rat or human 5-HT2C clones expressed in 293 cell in vitro.

L5 ANSWER 91 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:335954 CAPLUS

DN 125:10631

TI Preparation of 2,9-diamino- and 2-amino-8-carbamoyl-4-hydroxyalkanoic acid amides as renin inhibitors

IN Rasetti, Vittorio; Rueeger, Heinrich; Maibaum, Juergen Klaus; Mah, Robert; Gruetter, Markus; Cohen, Nissim Claude

PA Ciba-Geigy A.-G., Switz.

SO Eur. Pat. Appl., 115 pp.

CODEN: EPXXDW

DT Patent

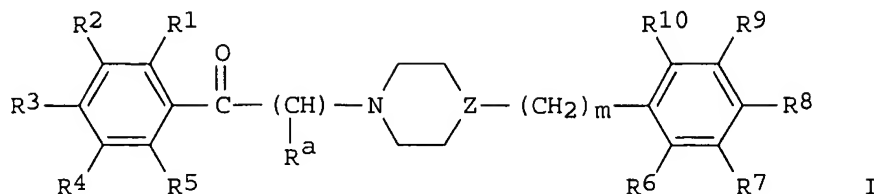
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 702004	A2	19960320	EP 1995-113964	19950906
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				

AU 9530534	A1	19960328	CH 1994-2816	19940915
			AU 1995-30534	19950908
US 5719141	A	19980217	CH 1994-2816	19940915
			US 1995-525254	19950908
FI 9504255	A	19960316	CH 1994-2816	19940915
			FI 1995-4255	19950911
CA 2158227	AA	19960316	CH 1994-2816	19940915
			CA 1995-2158227	19950913
ZA 9507726	A	19960315	CH 1994-2816	19940915
			ZA 1995-7726	19950914
NO 9503629	A	19960318	CH 1994-2816	19940915
			NO 1995-3629	19950914
HU 74453	A2	19961230	CH 1994-2816	19940915
			HU 1995-2684	19950914
CN 1169986	A	19980114	CH 1994-2816	19940915
			CN 1995-118418	19950914
JP 08176087	A2	19960709	CH 1994-2816	19940915
			JP 1995-238779	19950918
			CH 1994-2816	19940915
OS	MARPAT 125:10631			
AB	R1XCH2CR2R3CH2CH(NHR4)CHR5CH2CR6R7CONHR8 [I; R1 = arylamino, N-aryl-N-aralkylamino, N-attached heterocyclyl, etc.; R3,R3,R7 = H or alkyl; R2R3 = alkylene; R4 = H, alkyl, alkanoyl, alkoxycarbonyl; R5 = OH, alkanoyloxy, alkoxycarbonyloxy; R6 = H, (ar)alkyl, alkenyl, etc.; R6R7 = alkylene; R8 = (cyclo)aliph. group, heteroaliph. group; X = CO or CH2] were prepd. Thus, quinoline-3-carboxylic acid was converted in 21 steps to N-butyl-(2R,4S,5S)-5-amino-4-hydroxy-2,7,7-trimethyl-8-(3RS-methoxycarbonyl-1,2,3,4-tetrahydroquinolin-1-carbonyl)octanamide. I gave inhibition of human renin at .apprx.10-6 to .apprx.10-10M in vitro.			
L5	ANSWER 92 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN			
AN	1996:332386 CAPLUS			
DN	125:10625			
TI	Preparation of subunit-selective NMDA receptor-antagonist haloperidol analogs			
IN	Cai, Sui Xiong; Woodward, Richard M.; Lan, Nancy C.; Weber, Eckard			
PA	Acea Pharmaceuticals Inc., USA; Cocensys, Inc.			
SO	PCT Int. Appl., 107 pp.			
	CODEN: PIXXD2			
DT	Patent			
LA	English			
FAN.CNT	1			
	PATENT NO.	KIND	DATE	APPLICATION NO. DATE
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PI	WO 9602250	A1	19960201	WO 1995-US9191 19950720
	W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT			
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
				US 1994-277871 19940720
				US 1995-475990 19950607
AU 9531385	A1	19960216	AU 1995-31385	19950720
			US 1994-277871	19940720
			US 1995-475990	19950607
			WO 1995-US9191	19950720

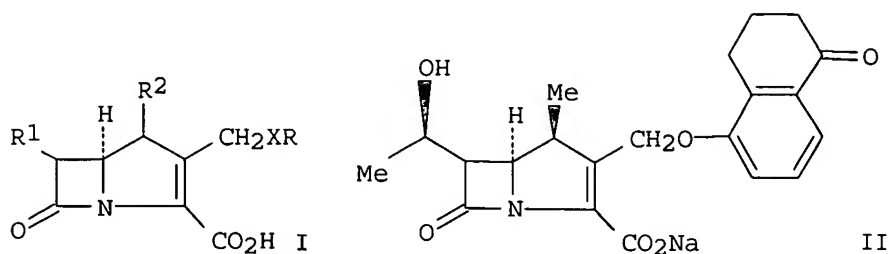
OS MARPAT 125:10625
GI



AB The title compds. [I; R1-R10 = H, (un)substituted heteroaryl, halogen, OH, CN, NO2, (un)substituted aryl, azido, alkyl, alkenyl, alkynyl, etc.; Ra = H, alkyl, aryl, OH, CO2H; Z = N, CH, COH, CCHO, CCONH2, etc.; m = 0-3; n = 1-5], which are subunit-selective NMDA receptor antagonists useful for treating or preventing neuronal loss assocd. with stroke, ischemia, CNS trauma, hypoglycemia and surgery, as well as treating anxiety, convulsions, migraine headaches, glaucoma, chronic pain, and inducing anesthesia, as well as for enhancing cognition, are prepd. Thus, 4-benzyl-4-hydroxypiperidine was condensed with 4-chloro-4'-fluorobutyrophenone, producing 4-(4-benzyl-4-hydroxypiperidinyl)-4'-fluorobutyrophenone which demonstrated an IC50 of 40 .mu.M in an NR1A/NR2A receptor assay, vs. >100 .mu.M for haloperidol.

L5 ANSWER 93 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:256100 CAPLUS
DN **124:316867**
TI Carbapenem derivatives containing a bicyclic substituent
IN Arnould, Jean-Claude
PA Zeneca Limited, UK; Zeneca-Pharma
SO Eur. Pat. Appl., 27 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 695753	A1	19960207	EP 1995-305428	19950803
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 5607928	A	19970304	EP 1994-401814	19940805
				US 1995-508698	19950728
	JP 08059664	A2	19960305	EP 1994-401814	19940805
				JP 1995-201126	19950807
				EP 1994-401814	19940805
OS	MARPAT 124:316867				
GI					



AB Bactericidal (no data) carbapenems I [R = aryl, heteroaryl; R₁ = CH₂OH, CHMeOH, CHMeF; R₂ = H, C1-4 alkyl; X = O, S] and pharmaceutically acceptable salts or in vivo hydrolyzable esters thereof, were prepd. Thus, (3S,4R,1'R,1''R)-1-(allyloxycarbonyltriphenylphosphoranylidene-methyl)-3-(1-hydroxyethyl)-4-[1-(hydroxymethylcarbonyl)ethyl]azetidin-2-one was treated with 5-hydroxy-1-tetralone, followed by ester hydrolysis to give the carbapenem II.

L5 ANSWER 94 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:110357 CAPLUS

DN **124:135707**

TI Pharmaceutical use of transition metal complexes as peroxynitrite decomposition catalysts

IN Stern, Michael Keith; Salvemini, Daniela

PA Monsanto Co., USA

SO PCT Int. Appl., 68 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9531197	A1	19951123	WO 1995-US5886	19950509
	W:	AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN			
	RW:	KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	CA 2189528	AA	19951123	US 1994-242498 A	19940513
				CA 1995-2189528	19950509
				US 1994-242498 A	19940513
	AU 9525120	A1	19951205	AU 1995-25120	19950509
	AU 709553	B2	19990902		
				US 1994-242498 A	19940513
				WO 1995-US5886 W	19950509
	EP 758892	A1	19970226	EP 1995-919143	19950509
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE			
				US 1994-242498 A	19940513
				WO 1995-US5886 W	19950509
	CN 1152871	A	19970625	CN 1995-194075	19950509
				US 1994-242498 A	19940513
	HU 76327	A2	19970828	HU 1996-3140	19950509
				US 1994-242498 A	19940513
	BR 9507643	A	19970923	BR 1995-7643	19950509
				US 1994-242498 A	19940513

JP 10500671	T2	19980120	WO 1995-US5886 W 19950509
			JP 1995-529755 19950509
			US 1994-242498 A 19940513
US 6245758	B1	20010612	WO 1995-US5886 W 19950509
			US 1996-709788 19960909
			US 1994-242498 B219940513
			US 1995-431593 A119950501
NO 9604793	A	19970106	NO 1996-4793 19961112
			US 1994-242498 A 19940513
			WO 1995-US5886 W 19950509
FI 9604537	A	19970110	FI 1996-4537 19961112
			US 1994-242498 A 19940513
			WO 1995-US5886 W 19950509

OS MARPAT 124:135707

AB Diseases assocd. with the decompn. of peroxynitrite (formed in the body by interaction of metabolically produced NO with superoxide) are ameliorated by treatment with transition metal complexes (e.g. with porphyrins or macrocyclic N compds.) which accelerate decompn. of peroxynitrite, preferably to benign products. Diseases which may thus be treated include ischemic reperfusion, inflammation, sepsis, stroke, multiple sclerosis, parkinsonism, and side effects from cancer chemotherapy. The complexes prevent tissue damage from decompn. of peroxynitrite to toxic HO.bul. and NO₂, and also protect superoxide dismutase from inactivation. Thus, intestinal vascular leakage in rats during endotoxin shock, measured as leakage of 125I-labeled serum albumin, was lessened by i.v. injection of acetato[5,10,15,20-tetrakis(N-methyl-4-pyridyl)porphinato]iron(III) tetratosylate (30 mg/kg) 3 h after lipopolysaccharide injection.

L5 ANSWER 95 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:87551 CAPLUS

DN **124:261017**

TI 1,3-Benzodioxole-2,2-dicarboxylate derivatives and analogs as selective .beta.3-adrenergic agents

IN Epstein, Joseph W.; Birnberg, Gary H.; Qing, Feng L.

PA American Cyanamid Co., USA

SO U.S., 20 pp.

CODEN: USXXAM

DT Patent

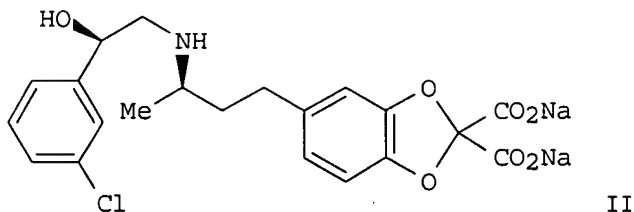
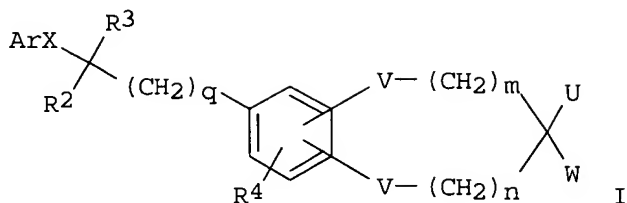
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5482971	A	19960109	US 1993-130601	19931001
				US 1993-130601	19931001

OS MARPAT 124:261017

GI



AB This invention is concerned with novel compds. of formula I wherein: Ar is, e.g., naphth-(1 or 2)-yl which is substituted with hydrogen, straight or branched (C1-C6)alkyl, bromine, chlorine, fluorine, iodine, (C1-C6)alkoxy, difluoromethyl, trifluoromethyl, trifluoromethoxy, or difluoromethoxy, 1,2,3,4-tetrahydro-(5 or 6)-naphthyl which is substituted with hydrogen, straight or branched (C1-C6)alkyl, bromine, chlorine, fluorine, iodine, (C1-C6)alkoxy, difluoromethyl, or trifluoromethyl, indanyl; R2 and R3 are hydrogen or (C1-C4)alkyl; m and n are integers from 0-1; q is an integer of 0, 2 or 3; V is oxygen and each V is ortho to the other V; W and U are independently hydrogen, hydroxy, CO₂R₈ or OCH₂CO₂R₈ wherein R₈ is hydrogen or straight or branched (C1-C10)alkyl; CONR₉R₁₀ or OCH₂CONR₉R₁₀ wherein R₉ and R₁₀ are, e.g., hydrogen, straight or branched (C1-C10)alkyl, substituted benzyl, substituted Ph, a heterocycle; X is a divalent radical CH(OT)CH(Ro)NT wherein Ro is (C1-C3)alkyl; T is hydrogen, (C1-C4)alkyl or (C1-C4)acyl; and the pharmaceutically acceptable salts and esters, the enantiomers, the racemic mixts. and diastereomeric mixts. thereof, which are selective .beta.3-adrenergic agents. Thus, e.g., treatment of 4-(3,4-dimethoxy-phenyl)-2-butanone with formamide afforded racemic 2-amino-4-(3,4-dimethoxyphenyl)butane; ring-opening reaction of the latter with (R)-m-chlorostyrene oxide followed by cyclization with carbonyldiimidazole afforded the (R,R) and (R,S) diastereomers of 5-(3-chlorophenyl)-3-[(3,4-dimethoxyphenyl)-butan-2-yl]oxazolidinone; the (R,S) isomer is demethylated and cyclized with di-Et dibromomalonate to afford the (R,S) oxazolidinone diester; sapon. of the latter afforded disodium (R,S)-5-[3-[[2-(3-chlorophenyl)-2-hydroxyethyl]amino]butyl]-1,3-benzodioxole-2,2-dicarboxylate. In similar fashion, the intermediate (R,R) diastereomer is converted to disodium (R,R)-5-[3-[[2-(3-chlorophenyl)-2-hydroxyethyl]amino]butyl]-1,3-benzodioxole-2,2-dicarboxylate (II) which exhibited stimulation of adipocyte lipolysis with EC₅₀ = 17 nM (.beta.3 selectivity) vs. IC₅₀ = 19,000 nM (heart binding, .beta.1 effect) and IC₅₀ = 20,000 nM (lung binding, .beta.2 effect).

L5 ANSWER 96 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:878880 CAPLUS

DN 123:285816

TI Preparation of heteronaphthoquinones and glycosides thereof as antitumor drugs.

IN Attardo, Giorgio; Wang, Wuyi; Breining, Tibor; Li, Tiechao; St.-Denis, Yves; Kraus, Jean-Louis

PA Biochem Pharma Inc., Can.

SO PCT Int. Appl., 159 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9512588	A1	19950511	WO 1994-CA210	19940506
	W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TT, UA, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				US 1993-148251	19931105
	AU 9466727	A1	19950523	AU 1994-66727	19940506
				US 1993-148251	19931105
				WO 1994-CA210	19940506

PATENT FAMILY INFORMATION:

FAN 1995:761478

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9411382	A1	19940526	WO 1993-CA463	19931105
	W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				US 1992-973233	19921109
	AU 9454140	A1	19940608	AU 1994-54140	19931105
				US 1992-973233	19921109
				WO 1993-CA463	19931105
	EP 659190	A1	19950628	EP 1993-924460	19931105
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
				US 1992-973233	19921109
				WO 1993-CA463	19931105
	CN 1094402	A	19941102	CN 1993-112945	19931108
				US 1992-973233	19921109
	ZA 9308350	A	19940621	ZA 1993-8350	19931109
				US 1992-973233	19921109

FAN 1997:169186

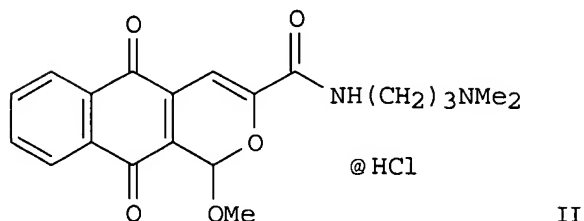
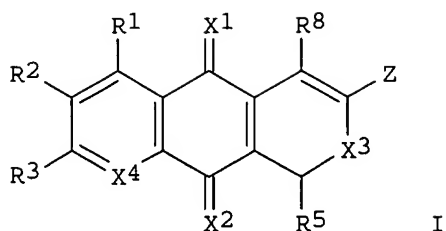
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5606037	A	19970225	US 1995-401492	19950310
				US 1992-973233	19921109
				US 1993-148251	19931105

FAN 1998:220857

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5736523	A	19980407	US 1995-401493	19950310
				US 1992-973233	19921109
				US 1993-148251	19931105

OS MARPAT 123:285816

GI



AB Title compds. [I; X1, X2 = O, S, NR20; R20 = H, OH, alkyl, acyl, alkylamino; X3 = O, S, SO, SO2, NR21; R21 = OH, acyl, alkyl, aryl, haloacyl, H; X4 = CQ, N, NO; R1-R3, Q = H, OH, alkyl, alkoxy, cycloalkyl, tosyl, mesyl, triflate, thiol, (substituted) acetate, amino, etc.; Z = H, OH, halo, thiol, sulfide, alkoxy, hydroxime, hydrazone, cyano, arylsulfone, alkynyl, squarate, Ph, (substituted) amino, acylamino, heterocyclyl, carboxylate ester, etc.; R5, R8 = H, halo, OH, alkoxy, alkyl, acetylenyl, cycloalkyl, alkenyl, alkoxyalkylamino, cyano, aminoalkyl, acyl, carboxylate ester, acosamine, glucosamine, 2,6-dideoxyrhamnose, thioglucose, thiodaunosamine residue, (substituted) (arom.) ring, etc.], were prepd. Thus, naphthopyran deriv. (II) [prepn. from Me (5,8-dimethoxyisochroman-3-yl)carboxylate given] showed IC50 = 0.0073-0.029 .mu.M against SKOV3 ovarian carcinoma cells.

L5 ANSWER 97 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:797285 CAPLUS

DN 123:198824

TI Preparation of tricyclic sulfonamide inhibitors of farnesyl protein transferase for the treatment of cell proliferative diseases

IN Bishop, W. Robert; Doll, Ronald J.; Mallams, Alan K.; Njoroge, F. George; Petrin, Joanne M.; Piwinski, John J.

PA Schering Corp., USA

SO PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DT Patent

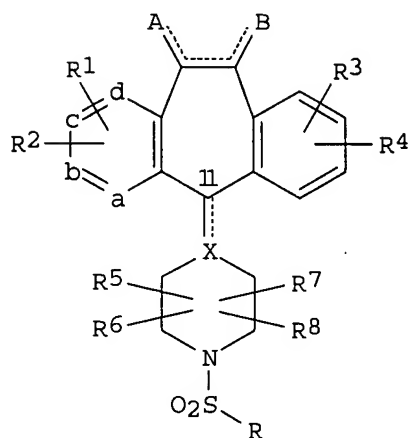
LA English

FAN.CNT 1

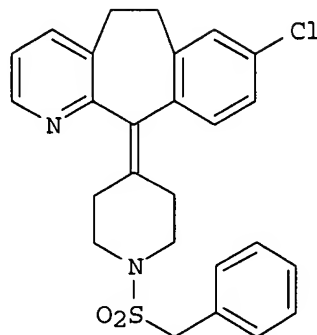
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WO 9510514	A1	19950420	WO 1994-US11390	19941012
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RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2173963	AA	19950420	US 1993-137856 A	19931015
CA 2173963	C	20020319	CA 1994-2173963	19941012

AU 9479702	A1	19950504	US 1993-137856 A	19931015
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			WO 1994-US11390W	19941012
ZA 9407969	A	19960712	ZA 1994-7969	19941012
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EP 723539	A1	19960731	EP 1994-930649	19941012
EP 723539	B1	20011212		
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JP 08510445	T2	19961105	JP 1994-518410	19941012
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			WO 1994-US11390W	19941012
HU 76057	A2	19970630	HU 1996-957	19941012
			US 1993-137856 A	19931015
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			WO 1994-US11390W	19941012
ES 2164717	T3	20020301	ES 1994-930649	19941012
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US 5661152	A	19970826	US 1995-444996	19950519
			US 1993-137856 B2	19931015
			US 1994-312350 B1	19940926

OS MARPAT 123:198824
GI



I



II

AB The title compds. [I; A, B = H, alkyl, aryl, OH, alkoxy, aryloxy, halogen, etc.; 1 of a, b, c, d = N, NR9 and the remainder are CR1, CR2; R9 = O-, Me, (CH2)*n*CO2H; *n* = 1-3; R1-R4 = H, benzotriazol-1-yloxy, halogen, CF3, etc.; R = alkyl, (un)substituted Ph, (un)substituted bridged polycyclic hydrocarbon, heteroaryl, alkenyl, etc.; R5-R8 = H, CF3, COR10, (un)substituted alkyl, (un)substituted aryl, etc.; X = N, C (with an optional double bond to carbon no. 11); the dotted lines represent optional double bonds; etc.], useful as inhibitors of farnesyl protein

transferase and geranylgeranyl protein transferase for the treatment of cell proliferative diseases, are prepd. and I-contg. formulations presented. Thus, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclopenta[1,2-b]pyridin-11-ylidene)piperidine (sic) was amidated with PhSO_2Cl , producing 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-1-(phenylmethylsulfonyl)-1-piperidine, II.

L5 ANSWER 98 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:794872 CAPLUS

DN **123:286106**

TI Preparation of substituted cyclic carbonyl derivatives as retroviral rotease inhibitors

IN Lam, Patrick Yuk-Sun; Jadhav, Prabhakar Kondaji; Eyermann, Charles Joseph; Hodge, Carl Nicholas; De, Lucca George Vincent; Rodgers, James David

PA Du Pont Merck Pharmaceutical Co., USA

SO PCT Int. Appl., 525 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9419329	A1	19940901	WO 1994-US1609	19940223
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				US 1993-23439	A 19930226
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PATENT FAMILY INFORMATION:

FAN 1994:134540

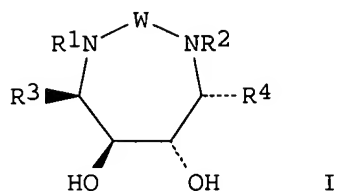
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				US 1992-883944 A	19920515
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	HU 67285	A2	19950328	HU 1994-1020	19921013
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				US 1992-883944 A	19920515
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			US 1992-883944 A 19920515
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FI 9401649	A	19940531	FI 1994-1649 19940408
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			US 1992-883944 A 19920515
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FAN 1996:275102			
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			US 1991-776491 B2 19911011
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FAN 1996:637442			
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FAN 1997:208119					
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			US 1993-47330 B219930415
			US 1994-197630 A519940216

OS MARPAT 123:286106
GI



AB Cyclic ketone derivs. [I; R1, R2 = H, alkyl, allyl, cyclopropylmethyl, etc.; R3, R4 = (un)substituted benzyl, thienylmethyl, naphthylmethyl, etc.; W = CO, CS, SO₂, etc.], useful as human immunodeficiency virus (HIV) protease inhibitors, are prepd., tested, and formulated. Amination of dichloro compd. I [R1 = R2 = m-chlorobenzyl, R3 = R4 = PhCH₂, W = CO] with MeNH₂ in THF and subsequent acidification with 4M HCl gave I.2HCl [R1 = R2 = m-methylaminobenzyl, R3 = R4 = PhCH₂, W = CO], which showed K_i = 10 nM⁻¹.μM and IC₉₀ = <10 .μg/mL in a HIV protease inhibition assay.

L5 ANSWER 99 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:638596 CAPLUS

DN **123:286084**

TI Dibenzocycloheptenylidenepiperidine, dibenzocycloheptenylpiperazine, and heterocyclic analogs as PAF antagonists and antihistaminics

IN Wong, Jesse K.; Piwinski, John J.; Green, Michael J.

PA USA

SO U.S., 29 pp. Cont.-in-part of U.S. Ser. No. 595,329, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5416087	A	19950516	US 1993-39072	19930407
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			WO 1991-US7170	19911008
WO 9206970	A1	19920430	WO 1991-US7170	19911008
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RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
			US 1990-595329	19901010

PATENT FAMILY INFORMATION:

FAN 1992:511647

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AU 9188540	A1	19920520	AU 1991-88540	19911008

			US 1990-595329	19901010
			WO 1991-US7170	19911008
EP 552245	A1	19930728	EP 1991-918529	19911008
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			WO 1991-US7170	19911008
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			US 1990-595329	19901010
			WO 1991-US7170	19911008
US 5416087	A	19950516	US 1993-39072	19930407
			US 1990-595329	19901010
			WO 1991-US7170	19911008

OS MARPAT 123:286084
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Bis-benzo cyclohepta piperidine, piperidylidene and piperazine compds. I [L = N or N+O-, Z = O or S, Y = [C(Ra)2]mX[C(Ra)2]n or II, m and n are integers 0, 1, 2, 3 such that m + n = 0 to 3; when m + n = 1, X = e.g., O, S(O)e where e = 0, 1, or 2; when m + n = 2, X = e.g., O, S(O)e, e = 0-2; when m + n = 3, X = a direct bond; when m + n = 0, X can be any substituent for m + n = 1 and also a direct bond, cyclopropylene, propenylene; each Ra may be the same or different and each independently represents, e.g., H, Cl-6-alkyl; the dotted line between the indicated carbon atoms 5 and 6 represents an optional double bond, such that when a double bond is present, A and B each independently represent R11, OR13, halo or OC(O)R11, and when no double bond is present between carbon atoms 5 and 6, A and B each independently represent H2; (OR13)2; (alkyl and H); (alkyl)2; [H and OC(O)R11], (H and OR11); :O or :NOR14; R1, R2, R3, R4 = e.g., H, halo, CF3; R5, R6 = e.g., H, alkyl, aryl; R7, R8, R9 = e.g., H, halo, CF3; R11 = H, alkyl, aryl; R13 = alkyl, aryl; R14 = H, alkyl; T = CH, C, or N with the dotted line attached to T representing a double bond when T is C and being absent when T is CH or N] and pharmaceutically acceptable salts thereof are disclosed, which possess anti-allergic and/or anti-inflammatory activity. Methods for prepg. and using the compds. are also described. Thus, e.g., coupling of 4-(10,11-dihydro-5H-dibenzo[a,d]cyclohepten-5-ylidene)piperidine (III, prepn. given) with isonicotinic acid N-oxide afforded the pyridinylcarbonyl N-oxide deriv. IV which demonstrated in vitro PAF antagonism IC50 = 1.2 .mu.M, and in vivo inhibition of PAF-induced bronchospasm in guinea pigs of 82% at 3 mg/kg. Pharmaceutical formulations were given.

L5 ANSWER 100 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:508058 CAPLUS

DN 122:265017

TI Bridged biphenyl carbapenem antibacterial compounds

IN Dininno, Frank P.

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 113 pp.

CODEN: PIXXD2

DT Patent

LA English

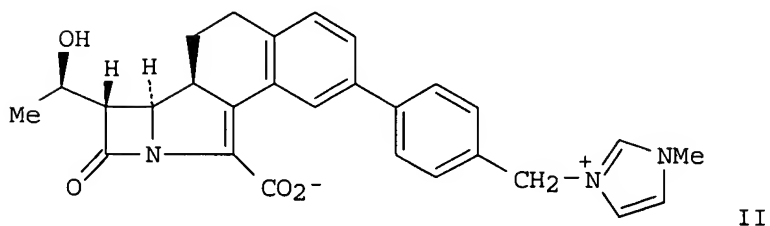
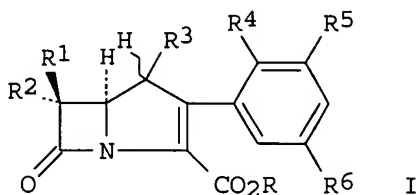
FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

 PI WO 9503700 A1 19950209 WO 1994-US8632 19940727
 W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KE, KG, KR,
 KZ, LK, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK,
 TJ, TT, UA, US, UZ
 RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
 BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
 US 5401735 A 19950328 US 1993-101141 19930802
 AU 9474093 A1 19950228 AU 1994-74093 19940727
 US 1993-101141 19930802
 WO 1994-US8632 19940727
 OS MARPAT 122:265017
 GI



AB Carbapenems I [R = H, neg. charge, ester group, cation; R1, R2 = H, (un)substituted alkyl; R3R4 = (un)substituted alkylene; R5 = H, substituent; R6 = (un)substituted Ph] were prepd. as bactericides. Thus, the condensed carbapenem II was obtained from the acetoxazetidinone and protected hydroxymethylphenyltetralone in 6 steps. II had 20 times the bactericidal activity of imipenem.

L5 ANSWER 101 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:416192 CAPLUS

DN 122:187249

TI Preparation of 2-phenanthridinylcarbapenems as antibacterial agents

IN Dininno, Frank P.; Greenlee, Mark L.; Rano, Thomas A.; Lee, Wendy

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 115 pp.

CODEN: PIXXD2

DT Patent

LA English

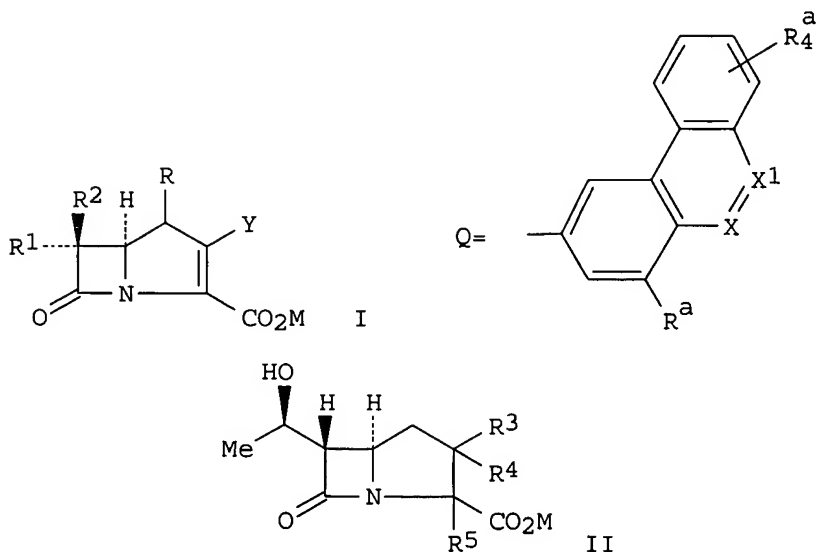
FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI	WO 9417066	A1	19940804	WO 1994-US85	19940103
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5336674	A	19940809	US 1993-9626	19930127
	CA 2154276	AA	19940804	US 1993-9626	19930127
				CA 1994-2154276	19940103
				US 1993-9626	19930127
	AU 9459902	A1	19940815	AU 1994-59902	19940103
				US 1993-9626	19930127
				WO 1994-US85	19940103
	EP 682666	A1	19951122	EP 1994-906014	19940103
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
				US 1993-9626	19930127
				WO 1994-US85	19940103
	JP 08505874	T2	19960625	JP 1994-517039	19940103
				US 1993-9626	19930127
				WO 1994-US85	19940103
OS	MARPAT 122:187249				
GI					



AB Title compds. [I; M = H, alkali metal, neg. charge, etc.; .; R = H, Me; R¹, R² = H, Me, Et, CH₂OH, MeCH(OH), etc.; .; Y = phenanthridinyl group Q; 1 of R^a = H and the others = H, CF₃, halo, (un)substituted alkoxy; 1 of X, X¹ = N+R^dm and the other = CR^c; R^c = H, (un)substituted alkyl(oxy), NH₂, etc.; .; R^d = H, NH₂, O⁻, alkyl, etc.; .; m = 0 or 1] were prep'd. as antibacterial agents (no data). Thus, oxopenamcarboxylate II [M = CH₂C₆H₄(NO₂)-4, R³R⁴ = O, R⁵ = H] was condensed with Me₃SnQ CF₃SO₃⁻ (R^a = H, X = N+Me, X¹ = CH) and the product hydrogenolized to give II (M = neg. charge, R³ = Q, R⁴R⁵ = bond, R^a = H, X = N+Me, X¹ = CH).

L5 ANSWER 102 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1994:689312 CAPLUS

DN 121:289312

TI Photochromic articles and method for their preparation

IN Daniele, Girelli; Luciana, Crisci; Pietro, Allegrini

PA Enichem Synthesis S.p.A., Italy

SO Belg., 45 pp.

CODEN: BEXXAL

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 1006104	A6	19940510	BE 1993-1095	19931015
				IT 1992-MI2379	19921016

OS MARPAT 121:289312

AB Org. glass articles having a high refractive index contain org. photochromic compds. obtained by crosslinking of liq. compns. which can be polycond. via completely radical compds.: (a) of .gtoreq.1 of a urethane resin dild. in .gtoreq.1 reactive compd. of the acrylate and/or methacrylate and/or styrene type, and (b) .gtoreq.1 photochromic substance chosen among spiroindolinoxazines, spiropyran, and chromenes.

L5 ANSWER 103 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:680369 CAPLUS

DN 121:280369

TI Bicyclooctane- and bicycloheptane-derivative gastrin and/or cholecystokinin receptor antagonists

IN Kalindjian, Sarkis Barret; Low, Caroline Minli Rachel; Pether, Michael John; Davies, Jonathan Michael Richar; Dunstone, David John; McDonald, Iain Mair

PA James Black Foundation Ltd., UK

SO PCT Int. Appl., 80 pp.

CODEN: PIXXD2

DT Patent

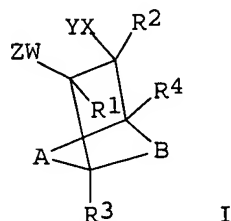
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9400421	A1	19940106	WO 1993-GB1301	19930618
	W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				GB 1992-13094	19920619
				GB 1992-26549	19921221
	GB 2268739	A1	19940119	GB 1992-13094	19920619
	AU 9343489	A1	19940124	AU 1993-43489	19930618
				GB 1992-13094	19920619
				GB 1992-26549	19921221
				WO 1993-GB1301	19930618
	EP 655053	A1	19950531	EP 1993-913402	19930618
	EP 655053	B1	19970903		
	R: DE, ES, FR, GB, IT				
				GB 1992-13094	19920619
				GB 1992-26549	19921221
				WO 1993-GB1301	19930618
	US 5674905	A	19971007	US 1994-351320	19941219
				GB 1992-13094	19920619

GB 1992-26549 19921221
WO 1993-GB1301 19930618

OS MARPAT 121:280369
GI



AB The title compds. [I; A = (un)substituted fused naphtho, etc.; B = fused benzo, etc.; R1 = H, Me, halogen; (un)substituted CO₂H, tetrazolyl, etc.; R2 = R1, (un)substituted carbonyl deriv.; R3, R4 = H, halogen, NH₂, NO₂, CN, sulfamoyl, C1-3 alkyl, C1-3 alkoxy, (un)substituted CO₂H, tetrazolyl; W = CO, sulfonyl, sulfinyl; X = W, COCH₂; Y = R₉O, R₉NR₁₀; R₉ = H, C1-15 hydrocarbyl; R₁₀ = H, C1-3 alkyl, CO₂Me, etc.; Z = OR₁₁, (un)substituted QNH, etc.; R₁₁ = H, C1-5 alkyl, (un)substituted Ph or PhCH₂; Q = H, C1-5 hydrocarbyl, etc.], which are gastrin and/or cholecystokinin receptor antagonists, are prepd. Thus, naphthalene was subjected to cycloaddn. with maleic anhydride, and the endo isomer intermediate amidated with 1-adamantylmethylamine, producing endo-(+)-cis-8-(1-adamantylmethylaminocarbonyl)-5,6-benzobicyclo[2.2.2]oct-2-ene-7-carboxylic acid (II). II demonstrated gastrin receptor pK_B 5.9 and the cholecystokinin receptor pK_i 5.6.

L5 ANSWER 104 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:630759 CAPLUS

DN 121:230759

TI Thienopyridine derivatives and analogs useful as fibrinogen receptor antagonists

IN Hartman, George D.; Halczenko, Wasyl; Prugh, John D.

PA Merck and Co., Inc., USA

SO U.S., 21 pp.

CODEN: USXXAM

DT Patent

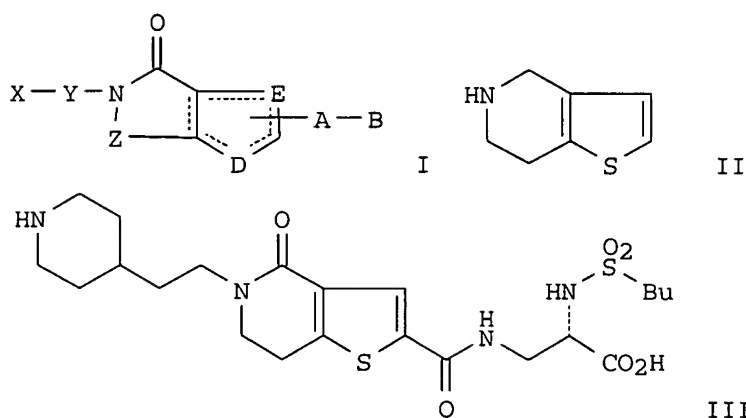
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5334596	A	19940802	US 1993-62510	19930511
	WO 9426745	A1	19941124	WO 1994-US4757	19940502
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TT, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				US 1993-62510	A 19930511
	AU 9468221	A1	19941212	AU 1994-68221	19940502
	AU 681668	B2	19970904		
				US 1993-62510	A 19930511
				WO 1994-US4757	W 19940502
	EP 698023	A1	19960228	EP 1994-916613	19940502

EP 698023	B1	20000823	
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE			US 1993-62510 A 19930511
			WO 1994-US4757 W 19940502
JP 08509982	T2	19961022	JP 1994-525490 19940502
			US 1993-62510 A 19930511
			WO 1994-US4757 W 19940502
AT 195737	E	20000915	AT 1994-916613 19940502
			US 1993-62510 A 19930511
			WO 1994-US4757 W 19940502
ES 2148329	T3	20001016	ES 1994-916613 19940502
			US 1993-62510 A 19930511

OS MARPAT 121:230759
GI

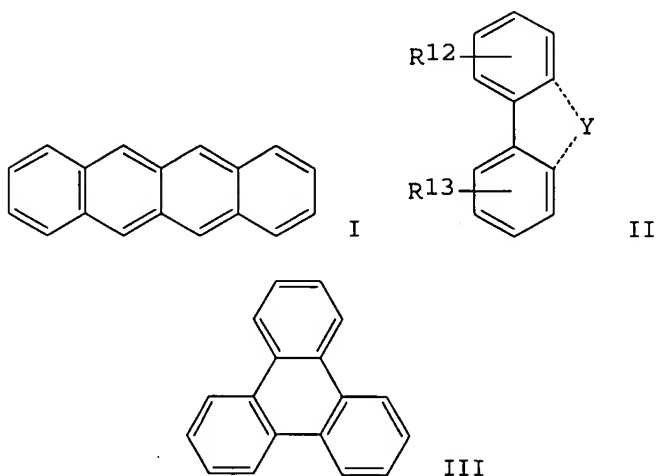


AB Title compds. are disclosed, namely I [X = various (un)substituted, acyclic and cyclic amino, amidino, and guanidino groups, or certain (un)substituted mono- or polycyclic arom. or nonarom. hetero- or carbocyclic groups; Y, A = (CH₂)_mCONR₃(CH₂)_n, (CH₂)_mNR₃CO(CH₂)_n, (CH₂)_mNR₃(CH₂)_n, (CH₂)_mCO(CH₂)_n, (CH₂)_mO(CH₂)_n, (CH₂)_mCR₃:CR₄(CH₂)_n, (CH₂)_m, etc. (m, n = 0-6); Z = (CH₂)₁₋₅, (CH₂)_mCH:CH(CH₂)_n, (CH₂)_mCO(CH₂)_n, (CH₂)_mCH(OH)(CH₂)_n, (CH₂)_mSO₂(CH₂)_n, CR₃:N, (CH₂)_mO(CH₂)_n, etc. (m, n = 0-6); D, E = C, N, O, S; B = CR₅R₆COR₁₁, CR₇R₈CR₉R₁₀COR₁₁; R₃, R₄ = H, (un)substituted alkyl, etc.; R₅-R₁₀ = H, F, OH, alkoxy, (un)substituted alkyl, etc.; R₁₁ = OH, alkoxy, aralkoxy, etc., or L- or D-amino acid or their alkyl esters, joined via amide linkage]. I are useful for inhibiting fibrinogen binding and blood platelet aggregation, and for treating thrombus and embolus formation. For example, tetrahydrothienopyridine deriv. II underwent a sequence of N-alkylation with BOC-protected 2-(4-piperidinyl)ethyl iodide, oxidn. of the adjacent benzylic CH₂ to carbonyl with KMnO₄, lithiation of the available thiophene positions with BuLi, carboxylation with CO₂, sepn. of the isomeric acids, amidation of one isomer with (S)-H₂NCH₂CH(NHSO₂Bu)CO₂Me.HCl, and basic and acidic deprotections. The resultant title compd. III had IC₅₀ of 0.008 .mu.M for inhibition of ADP-induced platelet aggregation in vitro. Seven other compds. I were prepd. and tested.

L5 ANSWER 105 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1994:591489 CAPLUS

DN **121:191489**
 TI Thin-film organic electroluminescent element for flat display, etc.
 IN Nishizaki, Koji; Takeuchi, Shigeki; Kinoshita, Akira; Shibata, Toyoko;
 Tamaki, Kyoshi
 PA Konishiroku Photo Ind, Japan
 SO Jpn. Kokai Tokkyo Koho, 143 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05214334	A2	19930824	JP 1992-20031	19920205
				JP 1992-20031	19920205
OS	MARPAT 121:191489				
GI					



AB The title element is made by forming .gtoreq.1 layer(s) contg. a compd. in which 1 or 2 condensed rings are formed in an org. compd. I and/or a compd. having .gtoreq.1 substituent(s) in the compd. in which 1 or 2 condensed rings are formed in an org. compd. I, an org. compd. II [R12, R13 = H, halo(sub)alkyl, (sub)heterocyclyl, etc.; Y = anhyd. ring residue -C(:O)-O-(O:)C-, etc.], an org. compd. III and/or a compd. in which the org. compd. III has .gtoreq.1 substituent(s), etc. The element shows strong light-emitting intensity and durability for practical use.

L5 ANSWER 106 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1994:545201 CAPLUS
 DN **121:145201**
 TI Photographic processing composition and processing method
 IN Inaba, Tadashi; Okada, Hisashi; Suzuki, Ryo Hisashi; Katsuoka, Yasuhiro;
 Seki, Hiroyuki
 PA Fuji Photo Film Co., Ltd., Japan
 SO Eur. Pat. Appl., 57 pp.
 CODEN: EPXXDW

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 588289	A2	19940323	EP 1993-114696	19930913
	EP 588289	A3	19940727		
	EP 588289	B1	19990804		
	R: DE, FR, GB, NL				
	JP 06095319	A2	19940408	JP 1992-247814	19920917
	JP 2886748	B2	19990426	JP 1992-247814	19920917
	US 5338649	A	19940816	US 1993-120461	19930914
				JP 1992-247814	19920917

OS MARPAT 121:145201

AB A novel compn. for processing a silver halide photog. material is provided, which comprises at least one metal chelate compd. composed of a chelate-forming compd. or salt thereof and a metal ion selected from the group consisting of Fe(III), Mn(III), Co(III), Rh(II), Rh(III), Au(II), Au(III), and Ce(IV), the chelate-forming compd. is represented by formula $G1(L1)mCX(CO2M)(L2)nNHL3G2$ wherein G1 and G2 each represents a carboxyl group, a phosphono group, a sulfo group, a hydroxyl group, a mercapto group, an aryl group, a heterocyclic group, an alkylthio group, an amidino group, a guanidino group, or a carbamoyl group; L1, L2, and L3 each represents a divalent aliph. group, a divalent arom. group, or a divalent connecting group formed by a combination of a divalent aliph. group and a divalent arom. group; m and n each represents an integer 0 or 1; X represents a hydrogen atom, an aliph. group or an arom. group; and M represents a hydrogen atom or a cation. A process for processing an imagewise exposed silver halide photog. material is provided, which comprises developing in a developing soln. and processing in the above described processing compn. contg. a metal chelate compd. Moreover, a processing compn. having a bleaching capacity for bleaching a silver halide color photog. material is provided, contg. the above described metal chelate compd. as a bleaching agent. A process for processing an imagewise exposed silver halide color photog. material is also provided which comprises developing in a color developing soln. and processing in the above described processing compn. having a bleaching capacity and contg. the above described metal chelate compd. as a bleaching agent.

L5 ANSWER 107 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:323604 CAPLUS

DN **120:323604**

TI preparation of condensed heterocyclic derivatives as weedkillers

IN Yokota, Sumio; Matsuzawa, Masafumi; Ohba, Nobuyuki; Nagata, Toshihiro; Tachikawa, Shigehiko

PA Kumiai Chemical Industry Co., Ltd., Japan; Ihara Chemical Industry Co., Ltd.

SO PCT Int. Appl., 134 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9401415	A1	19940120	WO 1993-JP909	19930702
	W: AU, BR, CA, RU, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

JP 07025857	A2	19950127	JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			JP 1993-187364 19930630
			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
AU 9345131	A1	19940131	AU 1993-45131 19930702
AU 662997	B2	19950921	
			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			WO 1993-JP909 A 19930702
EP 606489	A1	19940720	EP 1993-914944 19930702
R: BE, DE, DK, FR, GB, IT, SE			
			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			WO 1993-JP909 W 19930702
BR 9305569	A	19951226	BR 1993-5569 19930702
			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			WO 1993-JP909 W 19930702
RU 2105005	C1	19980220	RU 1994-19415 19930702
			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			WO 1993-JP909 W 19930702
CN 1095379	A	19941123	CN 1993-117053 19930831
			JP 1993-136808 A 19930514
US 5616537	A	19970401	US 1994-204199 19940301
			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			WO 1993-JP909 W 19930702
US 5770544	A	19980623	US 1996-728531 19961009
			JP 1992-199054 A 19920703
			JP 1993-136808 A 19930514
			US 1994-204199 A319940301

OS MARPAT 120:323604

GI For diagram(s), see printed CA Issue.

AB Condensed heterocyclic derivs. [I; R = OH, ester residue; R3, R4 = alkoxy; W = O, NH; ring A = 5- or 6-membered heterocycle residue], effective weedkillers against gramineous and nongramineous weeds but safe to crops, are prepd. Oxidn. of aldehyde deriv. II (R1 = CHO) with KMnO4 in acetone at room temp. gave 76% acid II (R1 = CO2H), which killed >90% barnyard grass, Monochoria vaginalis, and Scirpus juncoides at 100 g/10 are.

L5 ANSWER 108 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:271074 CAPLUS

DN **120:271074**

TI Nuclease-stable and binding-competent oligomers and methods for their use
IN Swaminathan, Sundaramoorthi; Jones, Robert J.; Matteucci, Mark; Munger, John; Pudlo, Jeff

PA Gilead Sciences, Inc., USA

SO PCT Int. Appl., 138 pp.

CODEN: PIXXD2

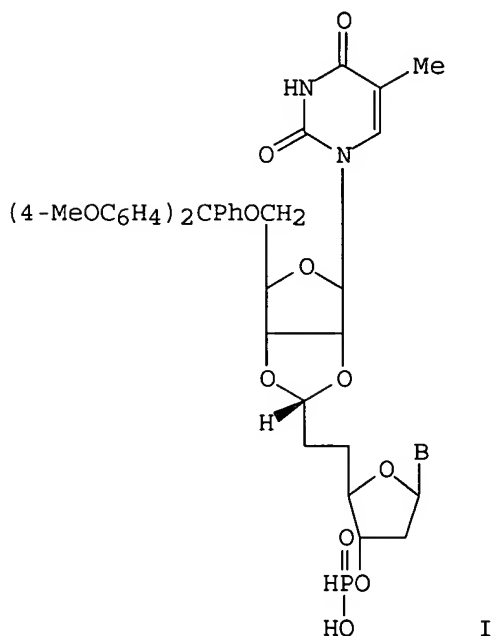
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9312135	A1	19930624	WO 1992-US10793	19921211
	W: AU, CA, JP, KR				

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
 AU 9332500 A1 19930719 US 1991-806710 19911212
 AU 1993-32500 19921211
 US 1991-806710 19911212
 WO 1992-US10793 19921211
 EP 616612 A1 19940928 EP 1993-900169 19921211
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
 US 1991-806710 19911212
 WO 1992-US10793 19921211
 US 5792608 A 19980811 US 1995-417632 19950406
 US 1991-806710 19911212
 US 1992-990848 19921211
 OS MARPAT 120:271074
 GI



AB Oligonucleotide analogs coupled through a substitute linkage contg. a 6- or 7-membered ring or a C1-C3 chain were prepd. for use in diagnosis and therapy of diseases assocd. with gene expression (no data). Thus, the dimers I (B = thymidine, N-benzoyl-5-methylcytidine) were prepd. from the protected nucleosides via oxidn. to the aldehydes, Wittig reaction with HCOCH:PPh₃, redn. of the double bond, and reaction of the satd. aldehyde with 5'-phenoxyacetylthymidine.

L5 ANSWER 109 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1994:217719 CAPLUS
 DN 120:217719
 TI Preparation of nitrogen-containing heterocyclic compounds
 IN Watabe, Yoshihisa; Kondo, Teruyuki; Akazome, Motohiro
 PA Nissan Chemical Ind Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 12 pp.

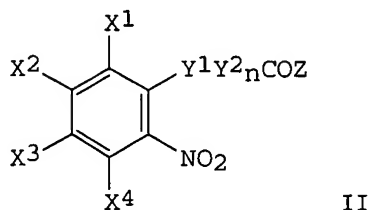
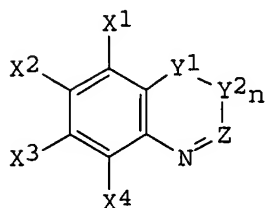
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05239036	A2	19930917	JP 1992-41028	19920227
				JP 1992-41028	19920227
OS	CASREACT 120:217719; MARPAT 120:217719				
GI					



AB The title derivs. I [X1 - X4 = H, OH, CHO, COOH, halo, C2-8 acyl, (un)substituted Ph, carbonyl, amino, alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl, alkylsulfonyloxy, alkenyl, alkynyl, phenoxy, phenylthio, phenylsulfonyl; .gtoreq.2 of neighboring X1 to X4 may be combined with C, O, or N to form 5- or 6-membered cyclyl; Y1, Y2 = O, S, CO, NR1, CR2R3; Z = H, (un)substituted Ph, amino, alkyl, alkoxy, alkylthio, alkenyl, alkynyl, phenoxy, phenylthio, phenylsulfonyl; R1 - R3 = H, (un)substituted amino, alkyl, alkoxy; R1 and R2 or R3 and Z may be combined with C, O, or N to form 5-8 membered cyclyl; n = 0, 1] are prepd. by cyclization of nitrobenzenes II with CO in presence of groups VIIB and/or VIII catalysts. Autoclaving a mixt. of N-(2-nitrobenzoyl)-2-azacycloheptanone, Ru3(CO)12, and 1,4-dioxane at 140.degree. and 40 atm CO for 16 h gave 82% azacycloheptano[2,1-b]-4(3H)-quinazolinone.

L5 ANSWER 110 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:134530 CAPLUS

DN 120:134530

TI Preparation of (imidazolyl- and imidazolylalkyl)indole derivatives as inhibitors of thromboxane A2 synthesis and histamine

IN Matsui, Hiroshi; Kamiya, Shoji; Shirahase, Hiroaki; Nakamura, Shohei

PA Kyoto Pharmaceutical Industries, Ltd., Japan

SO PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DT Patent

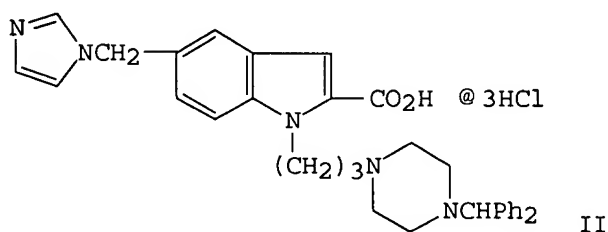
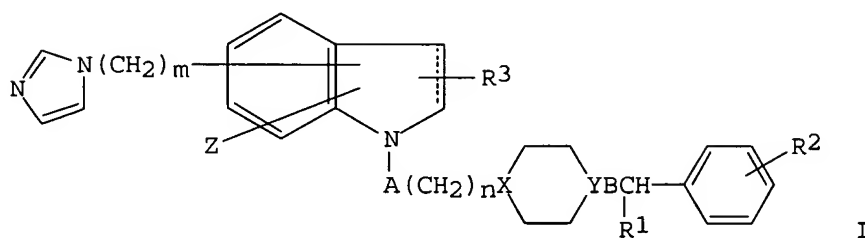
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9320065	A1	19931014	WO 1993-JP378	19930326
	W: AU, CA, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2109931	AA	19931014	JP 1992-102071	19920327
				CA 1993-2109931	19930326
				JP 1992-102071	19920327
	AU 9337680	A1	19931108	AU 1993-37680	19930326
	AU 658729	B2	19950427		

			JP 1992-102071	19920327
			WO 1993-JP378	19930326
EP 597112	A1	19940518	EP 1993-906837	19930326
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE			JP 1992-102071	19920327
			WO 1993-JP378	19930326
US 5538973	A	19960723	US 1995-393042	19950223
			JP 1992-102071	19920327
			US 1993-142443	19931126

OS MARPAT 120:134530
GI



AB The title compds. (I; R1 = H, aryl; R2 = H, halo, lower alkyl or alkoxy; R3 = H, lower alkyl; A = bond, CO, CH2CO, CONH, COCH2O, alkyleneoxy; B = bond, O, alkylene, alkyleneoxy; X = Y = N or one of X and Y = N and the other = CH; Z = H, CO2H or its ester; m, n = 0-4), also having vasodilating and blood platelet aggregation-inhibiting activity and inhibiting histamine- and leukotriene-induced contraction of a respiratory tract and useful for prevention and/or treatment of diseases induced by thromboxane A2 or histamine, e.g. asthma and allergy, are prepd. Thus, alkylation of 2-ethoxycarbonyl-5-(1H-imidazol-ylmethyl)-1H-indole by Br(CH2)3Cl in the presence of NaH in DMF and condensation of the resulting 1-(3-chloropropyl)indole deriv. with 1-diphenylmethylpiperazine in the presence of K2CO3 and NaI in DMF at 80.degree. gave, after sapon. with NaOH in 95% aq. EtOH and acidification with 3 N aq. HCl, an (imidazolylpropyl)indoline deriv. (II). II at 10⁻⁵ M in vitro inhibited 100% the histamine-induced contraction of guinea pig's lungs and at 30 mg/kg p.o. in vivo inhibited the histamine- and leukotriene D4-induced contraction of respiratory tract by 100 and 75%, resp.

L5 ANSWER 111 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1994:107001 CAPLUS
DN 120:107001
TI Heterocyclic and aromatic amidine derivatives and salts thereof
IN Nagahara, Takayasu; Kanaya, Naoaki; Inamura, Kazue; Yokoyama, Yukio
PA Daiichi Pharmaceutical Co., Ltd., Japan
SO Eur. Pat. Appl., 94 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 540051	A1	19930505	EP 1992-118705	19921030
	EP 540051	B1	19960403		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	ZA 9208276	A	19930506	JP 1991-286088 A	19911031
				ZA 1992-8276	19921026
	IL 103564	A1	19981206	JP 1991-286088 A	19911031
				IL 1992-103564	19921027
	NO 9204164	A	19930503	JP 1991-286088 A	19911031
				NO 1992-4164	19921029
	DE 4236574	A1	19930506	JP 1991-286088 A	19911031
				DE 1992-4236574	19921029
	CA 2081836	AA	19930501	JP 1991-285919 A	19911031
				CA 1992-2081836	19921030
	AU 9227470	A1	19930506	JP 1991-286088 A	19911031
	AU 666137	B2	19960201	AU 1992-27470	19921030
				JP 1991-286088 A	19911031
	JP 05208946	A2	19930820	JP 1992-292892	19921030
	JP 2879718	B2	19990405		
				JP 1991-286088 A	19911031
	US 5300851	A	19940405	US 1992-969369	19921030
				JP 1991-285919 A	19911031
	HU 65890	A2	19940728	HU 1992-3433	19921030
				JP 1991-286088 A	19911031
	AT 136293	E	19960415	AT 1992-118705	19921030
				JP 1991-286088 A	19911031
	ES 2088073	T3	19960801	ES 1992-118705	19921030
				JP 1991-286088 A	19911031
	PL 170312	B1	19961129	PL 1992-296439	19921030
				JP 1991-286088 A	19911031
	JP 10291931	A2	19981104	JP 1998-85454	19921030
				JP 1991-286088 A	19911031
				JP 1992-292892 A3	19921030
	CZ 284381	B6	19981111	CZ 1992-3276	19921030
				JP 1991-286088 A	19911031
	SK 279807	B6	19990413	SK 1992-3276	19921030
				JP 1991-286088 A	19911031
	RU 2139851	C1	19991020	RU 1992-4542	19921030
				JP 1991-286088 A	19911031
	SG 78251	A1	20010220	SG 1996-6031	19921030
				JP 1991-286088 A	19911031
	CN 1072677	A	19930602	CN 1992-114304	19921031
	CN 1049434	B	20000216		
				JP 1991-286088 A	19911031
	BG 63237	B2	20010629	BG 1994-98594	19940225
				JP 1991-286088 A	19911031
	US 5576343	A	19961119	US 1995-468304	19950606
				JP 1991-286088 A	19911031
				US 1992-969396 B1	19921030
				US 1994-282571 B3	19940729
	US 5620991	A	19970415	US 1995-471173	19950606
				JP 1991-286088 A	19911031

			US 1992-969396	B119921030
			US 1994-282571	B119940729
CN 1168885	A	19971231	CN 1997-110745	19970416
CN 1097052	B	20021225		
			JP 1991-286088	A 19911031
CN 1168886	A	19971231	CN 1997-110748	19970416
CN 1062865	B	20010307		
			JP 1991-286088	A 19911031
US 5866577	A	19990202	US 1997-924504	19970905
			JP 1991-286088	A 19911031
			US 1992-969369	B119921030
			US 1994-282571	B319940729
			US 1995-469593	A119950606
US 5962695	A	19991005	US 1998-131235	19980807
			JP 1991-286088	A 19911031
			US 1992-969396	B119921030
			US 1994-282571	B319940729
			US 1995-469593	B119950606
			US 1997-924504	A319970905

OS MARPAT 120:107001

GI For diagram(s), see printed CA Issue.

AB The title compds. I (where the benzeno-Z ring is indolyl, benzimidazolyl, naphthyl, etc.; R = HN:CNH₂; R₁ = H, alkoxy; R₂ = H, alkyl, alkoxy, etc.; R₃ = H, carboxyl, etc.; R₄ = H, OH, alkyl, alkoxy; A = C1-4 alkylene; X = single bond, O, S, CO; n = 0-4; Y = heterocyclic or cyclic hydrocarbon moiety) useful as anticoagulant agents were prepd. by treating I (R = CN) with R₅OH (R₅ = alkyl) to give I (R = R₅OC:NH) followed by treatment with NH₃. Some of the prepd. compds. showed strong anticoagulant activity through their specific anti-FXa activity in comparison with DABE.

L5 ANSWER 112 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:673400 CAPLUS

DN **119:273400**

TI Continuous reaction of halopyrimidines with amines

IN Arnold, Siegbert; Frosch, Hans Georg; Hoppe, Manfred; Muellers, Wolfgang; Sommer, Richard

PA Bayer A.-G., Germany

SO Eur. Pat. Appl., 26 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 542079	A2	19930519	EP 1992-118736	19921102
	EP 542079	A3	19940817		
	EP 542079	B1	19970723		
	R: CH, DE, FR, GB, LI				
	DE 4137291	A1	19930519	DE 1991-4137291	19911113
	JP 05222306	A2	19930831	DE 1991-4137291	19911113
				JP 1992-321425	19921106
				DE 1991-4137291	19911113
	US 5420255	A	19950530	US 1994-200865	19940222
				DE 1991-4137291	19911113
				US 1992-970897	19921103

OS MARPAT 119:273400

AB Reactive dyes are obtained by continuous condensation of halopyrimidines with aq. amine solns. or dispersions using sep. feeding of the reactants,

and removal of the product; the reactants are simultaneously added to the reactor with intensive stirring, e.g., at Reynolds no. .gtoreq.2500. Thus, 9 kg/h 5-chloro-2,4,6-trifluoropyrimidine (I) at 20.degree. and 171 L/h aq. soln. at 40.degree. contg. 12.9 kg Na 7-amino-4-hydroxy-2-naphthalenesulfonate and 2.1 kg NaF were introduced (with I pressure drop 35 bars) to a jet nozzle reactor and the product at 0.degree. was coupled with diazotized 2-amino-5-methoxybenzenesulfonic acid to give an azo dye. The dye provided clear scarlet shades on cotton.

L5 ANSWER 113 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:552116 CAPLUS

DN **119:152116**

TI Use of renin inhibitors for the treatment of glaucoma

IN Tanaka, Yoko; Kagayama, Akira; Hata, Takehisa

PA Fujisawa Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 25 pp.

CODEN: PIXXD2

DT Patent

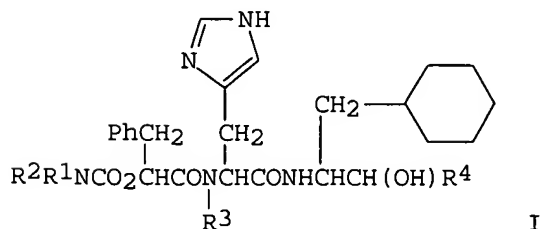
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9312796	A1	19930708	WO 1992-JP1656	19921218
	W: AU, CA, HU, JP, KR, RU, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	ZA 9209738	A	19930617	GB 1991-27041	19911220
				ZA 1992-9738	19921215
				GB 1991-27041	19911220
	AU 9331712	A1	19930728	AU 1993-31712	19921218
	AU 661748	B2	19950803		
				GB 1991-27041	19911220
				WO 1992-JP1656	19921218
	EP 617622	A1	19941005	EP 1993-900396	19921218
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
				GB 1991-27041	19911220
				WO 1992-JP1656	19921218
	JP 07506807	T2	19950727	JP 1992-511545	19921218
				GB 1991-27041	19911220
				WO 1992-JP1656	19921218
	CN 1088934	A	19940706	CN 1993-101190	19930102
				GB 1991-27041	19911220

OS MARPAT 119:152116

GI



AB The renin-inhibiting histidine derivs. I [R1 = (un)substituted alkyl or amino; R2, R3 = H, alkyl; NR1R2 = heterocyclyl; R4 = alkyl] or I salts are

drugs for the treatment of glaucoma. Eye application of 0.2% 2(S)-[N.alpha.-[2(S)-[N-methyl-N-[2-[N-(morpholinocarbonyl)-N-methylamino]ethyl]aminocarbonyloxy]-3-phenylpropionyl]-N.alpha.-methyl-L-histidyl]amino-1-cyclohexyl-3(S)-hydroxy-6-methylheptane-HCl lower intraocular pressure in the rabbit.

L5 ANSWER 114 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:482775 CAPLUS

DN **119:82775**

TI Color photographic material for color proofing

IN Inoe, Akyuki; Hirano, Shigeo; Hanaki, Koichi

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 40 pp.

CODEN: JKXXAF

DT Patent

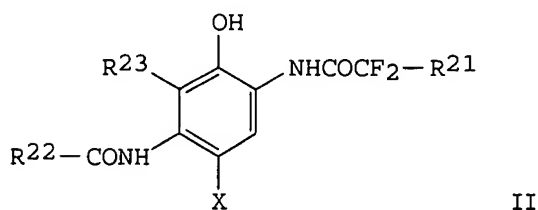
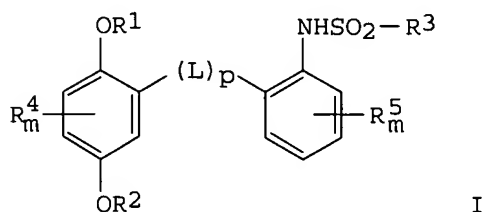
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04299339	A2	19921022	JP 1991-87399	19910328
				JP 1991-87399	19910328

OS MARPAT 119:82775

GI



AB The title photog. material contains I [R1,2 = H, group which will release OH during development; R3 = alkyl, aryl, alkenyl, alkynyl, heterocyclyl, amino; R4,5 = benzene ring substituent group; m = 0-4; n = 0-3; L = bivalent linking group; p = 0-3] and II [R21 = H, halo, alkyl; R22 = alkyl, aryl, heterocyclyl; R23 = H, halo, alkyl, alkoxy, aryloxy, carbo; X = H, coupling-releasable group]. Halftone reprodn. is improved.

L5 ANSWER 115 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1992:128686 CAPLUS

DN **116:128686**

TI Benzoheterocyclic compounds

IN Ogawa, Hidenori; Miyamoto, Hisashi; Kondo, Kazumi; Yamashita, Hiroshi;

Nakaya, Kenji; Komatsu, Hajime; Tanaka, Michinori

PA Otsuka Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 909 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9105549	A1	19910502	WO 1990-JP1340	19901018
	W: KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
				JP 1989-274338 A	19891020
				JP 1990-66063 A	19900315
				JP 1990-105580 A	19900420
				JP 1990-181858 A	19900709
				JP 1991-87994	19910419
EP 450097	A1	19911009	EP 1990-915185	19901018	
EP 450097	B1	19960424			
	R: CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
				JP 1989-274338 A	19891020
				JP 1990-66063 A	19900315
				JP 1990-105580 A	19900420
				JP 1990-181858 A	19900709
				WO 1990-JP1340 W	19901018
ES 2089033	T3	19961001	ES 1990-915185	19901018	
			JP 1989-274338 A	19891020	
			JP 1990-66063 A	19900315	
			JP 1990-105580 A	19900420	
			JP 1990-181858 A	19900709	
			CN 1990-108449	19901019	
CN 1051038	A	19910501			
CN 1027505	B	19950125			
			JP 1989-274338 A	19891020	
			JP 1990-181858 A	19900709	
JP 04154765	A2	19920527	JP 1990-282568	19901019	
JP 07076214	B4	19950816			
			JP 1989-274338 A	19891020	
			JP 1990-66063 A	19900315	
			JP 1990-105580 A	19900420	
			JP 1990-181858 A	19900709	
AU 9172917	A1	19911219	AU 1991-72917	19910314	
AU 630284	B2	19921022			
			JP 1989-274338 A	19891020	
			JP 1990-66063 A	19900315	
			JP 1990-105580 A	19900420	
			JP 1990-181858 A	19900709	
			WO 1990-JP1340 W	19901018	
CA 2066104	AA	19921020	CA 1992-2066104	19920415	
CA 2066104	C	20030527			
			JP 1991-87994 A	19910419	
AU 9214984	A1	19921022	AU 1992-14984	19920416	
AU 646334	B2	19940217			
			JP 1991-87994 A	19910419	
EP 514667	A1	19921125	EP 1992-106606	19920416	
EP 514667	B1	19950809			
	R: CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
			JP 1991-87994 A	19910419	
CN 1066653	A	19921202	CN 1992-103409	19920416	
CN 1035670	B	19970820			
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ES 2078576 T3 19951216
 JP 05132466 A2 19930528
 JP 2916536 B2 19990705
 US 5244898 A 19930914
 CN 1107146 A 19950823
 CN 1048484 B 20000119
 US 5753677 A 19980519

ES 1992-106606 19920416
 JP 1991-87994 A 19910419
 JP 1992-96880 19920417
 JP 1991-87994 A119910419
 US 1992-870318 19920417
 JP 1991-87994 A 19910419
 CN 1994-101827 19940302
 JP 1989-274338 A 19891020
 JP 1990-181858 A 19900709
 US 1995-474544 19950607
 US 1991-762015 B219910619
 US 1992-851541 A319920313
 US 1993-76804 A319930610

PATENT FAMILY INFORMATION:

FAN 1993:649979

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04321669	A2	19921111	JP 1991-182066	19910419
	JP 2905909	B2	19990614		
	US 5258510	A	19931102	US 1992-851541	19920313
				JP 1989-274338 A	19891020
				JP 1990-66063 A	19900315
				JP 1990-105580 A	19900420
				JP 1990-181858 A	19900709
				JP 1991-182066 A	19910419
				US 1991-762015 B2	19910619
US 5559230	A	19960924	US 1993-76804	19930610	
			JP 1990-66063 A	19900315	
			JP 1990-105580 A	19900420	
			JP 1990-181858 A	19900709	
			JP 1991-182066 A	19910419	
			US 1991-762015 B2	19910619	
			US 1992-851541 A3	19920313	
US 5753677	A	19980519	US 1995-474544	19950607	
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			US 1992-851541 A3	19920313	
			US 1993-76804 A3	19930610	
US 5985869	A	19991116	US 1997-893925	19970715	
			JP 1989-274338 A	19891020	
			JP 1990-66063 A	19900315	
			JP 1990-105580 A	19900420	
			JP 1990-181858 A	19900709	
			JP 1991-182066 A	19910419	
			US 1992-851541 A3	19920313	
			US 1993-76804 A3	19930610	
			US 1995-474544 A3	19950607	

OS MARPAT 116:128686

GI For diagram(s), see printed CA Issue.

AB Title compds. I [X = atoms required to complete a 6-8-membered ring optionally contg. other heteroatoms; R = substituted Ph; R1 = H, halogen, alkyl, NH2, substituted NH2, aminoalkoxy, (un)substituted BzO] (.apprx.1000 compds.) were prepd. by various methods. Benzazepines II (R2 = NMe2, R3 = 2-MeC6H4; R2 = OH, R3 = 3,5-Cl2C6H3; R2 = H, R3 = 2,3-Me2C6H3) tripled urine excretion in rats at 0.4-4.2 mg/kg i.v.

L5 ANSWER 116 OF 116 CAPLUS COPYRIGHT 2003 ACS on STN

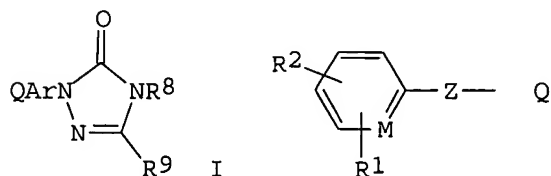
AN 1988:565722 CAPLUS
 DN **109:165722**
 TI Preparation of triazolinone herbicides
 IN Theodoridis, George
 PA FMC Corp., USA
 SO PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8801133	A1	19880225	WO 1987-US1928	19870805
	W: BR, HU, JP, KR				
	RW: BE, CH, DE, FR, GB, IT				
	EP 322413	A1	19890705	US 1986-898453	19860820
	R: BE, CH, DE, FR, GB, IT, LI			EP 1987-905518	19870805
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				HU 1987-4354	19870805
				US 1986-898453	19860820
				WO 1987-US1928	19870805
	BR 8707779	A	19890815	BR 1987-7779	19870805
				US 1986-898453	19860820
				WO 1987-US1928	19870805
	JP 02500271	T2	19900201	JP 1987-505029	19870805
				US 1986-898453	19860820
				WO 1987-US1928	19870805
	ZA 8706179	A	19880427	ZA 1987-6179	19870820
				US 1986-898453	19860820
	CN 1032005	A	19890329	CN 1987-105742	19870820
				US 1986-898453	19860820

PATENT FAMILY INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5084085	A	19920128	US 1990-562544	19900803
				US 1986-898453	19860820
				US 1988-161348	19880219
				US 1989-449091	19891208

OS MARPAT 109:165722
 GI



AB Herbicidal compds. are described, characterized by the formula I [R¹ = H, alkyl, halo, haloalkyl, NO₂, alkoxy, alkylthio, cyano; R² = H, halo, alkyl, haloalkyl, alkoxy, haloalkoxy, NO₂, NH₂, alkylthio, CO₂H, CONHSO₂R⁵, CONH₂, CONHR⁵, CONHOR⁷, CO₂CHR⁴CO₂R³, NHSO₂R⁷, N(SO₂R⁷)₂, SCHR⁶COR³, R³(COCHR⁴O)_n, etc.; M = CH, N; Z = O, S, NH, alkylamino; R³ =

OH, alkoxy, NH₂, NHSO₂R₅, N(SO₂R₅)SO₂R₆, etc.; R₄ = H, Me; R₅, R₆ = alkyl, haloalkyl, aryl; R₇ = alkyl; Ar = substituted benzene ring; n = 1, 2]. Ar, R₈, and R₉ are so chosen that when Q is MeO or propargyloxy instead of the formula given above, I is an herbicide. 1-[4-Chloro-2-fluoro-5-(4-hydroxyphenoxy)phenyl]-4-difluoromethyl-4,5-dihydro-3-methyl-1,2,4-triazol-5(1H)-one (prepn. given in 3 steps) was refluxed for 6 days with Et 2-bromopropionate in K₂CO₃-contg. acetone to give Et 2-[4-[2-chloro-4-fluoro-5-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)phenoxy]phenoxy]propionate (II). II (8 kg/ha postemergence) gave total control of velvetleaf (*Abutilon theophrasti*) and almost total control of green foxtail (*Setaria viridis*).

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
395.87	658.82

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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CA SUBSCRIBER PRICE

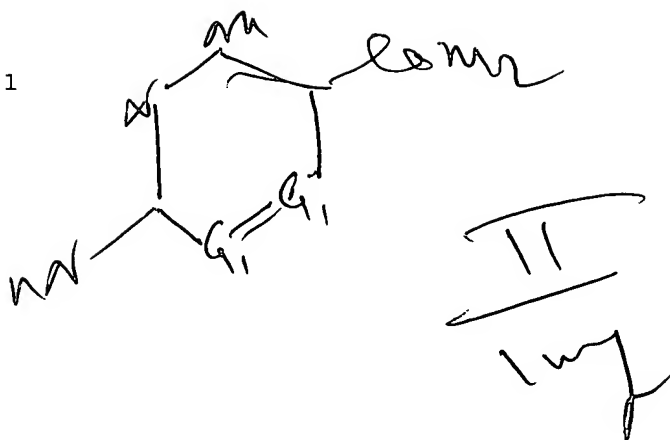
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NEWS 4	Feb 24	TEMA now available on STN
NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS 25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS 26	Jul 21	Identification of STN records implemented
NEWS 27	Jul 21	Polymer class term count added to REGISTRY
NEWS 28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS 29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS 30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE

NEWS 36 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:11:38 ON 29 AUG 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:12:03 ON 29 AUG 2003

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STRUCTURE FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

DICTIONARY FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STN Note 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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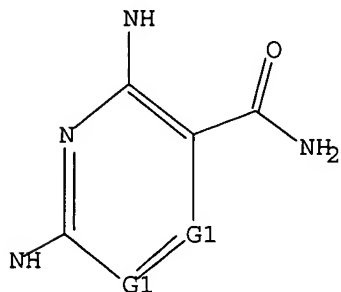
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 N, CH

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 10:12:57 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2339 TO ITERATE

100.0% PROCESSED 2339 ITERATIONS

104 ANSWERS

SEARCH TIME: 00.00.01

L2 104 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.55

148.76

FILE 'CAPLUS' ENTERED AT 10:13:04 ON 29 AUG 2003

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FILE COVERS 1907 - 29 Aug 2003 VOL 139 ISS 10

FILE LAST UPDATED: 28 Aug 2003 (20030828/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12

L3 21 L2

=> d l3 fbib hitstr abs total

L3 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:354275 CAPLUS

DN 137:201277

TI (Arylsulfonyl)guanidines in synthesis of (arylsulfonyl)pyrimidines. II

AU Farzaliyev, V. M.; Shahgeldiyeva, L. M.; Mamedov, S. A.; Ladovina, N. P.

CS Inst. Khim. Prasadok im. A. M. Kulieva, Nats. AN Azerb., Azerbaijan

SO Azerbaidzhanskii Khimicheskii Zhurnal (2001), (2), 20-22

CODEN: AZKZAU; ISSN: 0005-2531

PB Natsional'naya Akademiya Nauk Azerbaidzhana

DT Journal

LA Russian

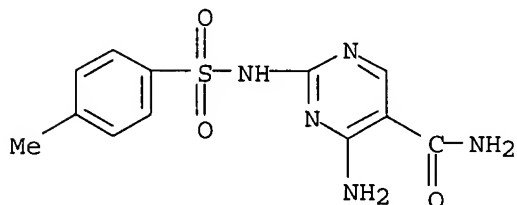
OS CASREACT 137:201277

IT **454226-06-3P 454226-08-5P**

RL: SPN (Synthetic preparation); PREP (Preparation)

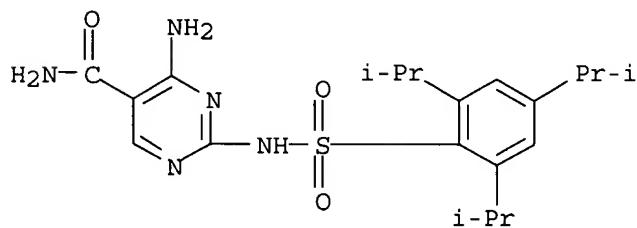
((arylsulfonyl)guanidines in prepn. of (arylsulfonyl)pyrimidines)

RN 454226-06-3 CAPLUS

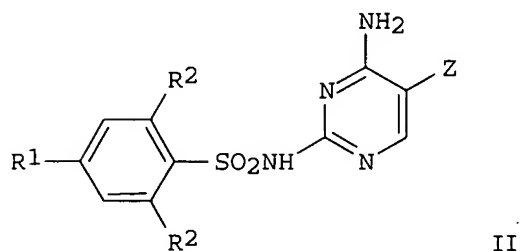
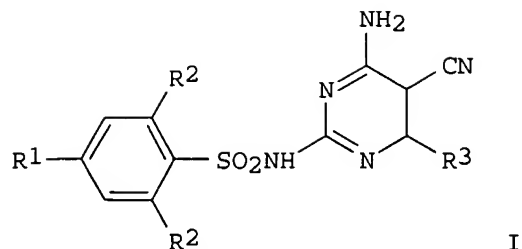
CN 5-Pyrimidinecarboxamide, 4-amino-2-[[[4-methylphenyl]sulfonyl]amino]-
(9CI) (CA INDEX NAME)

RN 454226-08-5 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-amino-2-[[[2,4,6-tris(1-methylethyl)phenyl]sulfonyl]amino]- (9CI) (CA INDEX NAME)



GI



AB Reactions of (arylsulfonyl)guanidines with arylidenemalononitriles and with (ethoxymethylene)malononitriles gave dihydropyrimidines [I; R1 = Me, R2 = H; R3 = 2-furanyl, (un)substituted phenyl; R1 = R2 = R3 = Me2CH; R3 = C6H5F-4, C6H4OMe-4] and pyrimidines (II; same R1, R2; Z = CN, CONH2).

L3 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:900621 CAPLUS

DN 134:56683

TI Preparation of nitrogen-containing heterocyclic derivatives as remedies for complications of diabetes based on protein kinase C inhibition

IN Suzuki, Takayuki; Onda, Kenichi; Murakami, Takeshi; Negoro, Kenji; Yahiro, Kiyoshi; Maruyama, Tatsuya; Shimaya, Akiyoshi; Ohta, Mitsuaki

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000076980	A1	20001221	WO 2000-JP3768	20000609
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				JP 1999-163344 A	19990610
				JP 1999-165217 A	19990611

OS MARPAT 134:56683

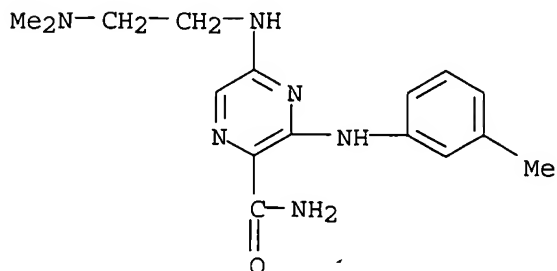
IT 313338-65-7P 313338-66-8P 313338-67-9P
 313338-68-0P 313338-69-1P 313338-70-4P
 313338-71-5P 313338-72-6P 313338-73-7P
 313338-74-8P 313338-75-9P 313338-76-0P

313339-07-0P 313339-08-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of nitrogen-contg. heterocyclic derivs. as remedies for complications of diabetes)

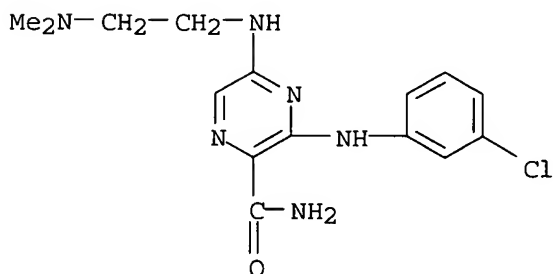
RN 313338-65-7 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



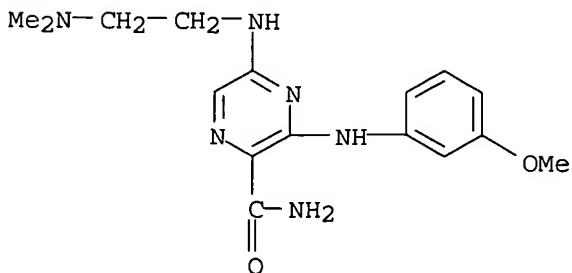
RN 313338-66-8 CAPLUS

CN Pyrazinecarboxamide, 3-[(3-chlorophenyl)amino]-5-[[2-(dimethylamino)ethyl]amino]- (9CI) (CA INDEX NAME)



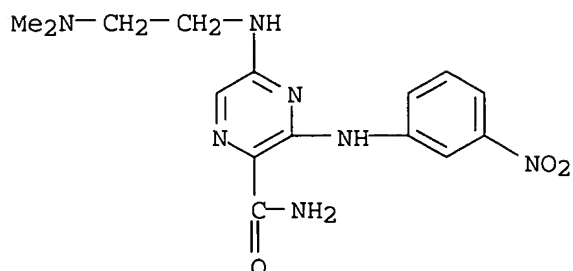
RN 313338-67-9 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(3-methoxyphenyl)amino]- (9CI) (CA INDEX NAME)



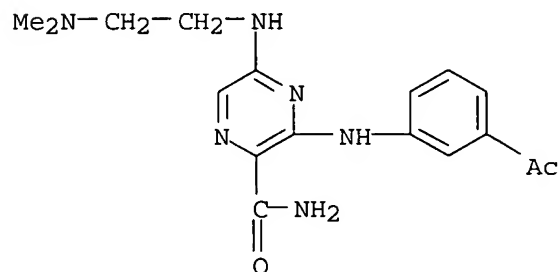
RN 313338-68-0 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(3-nitrophenyl)amino]- (9CI) (CA INDEX NAME)



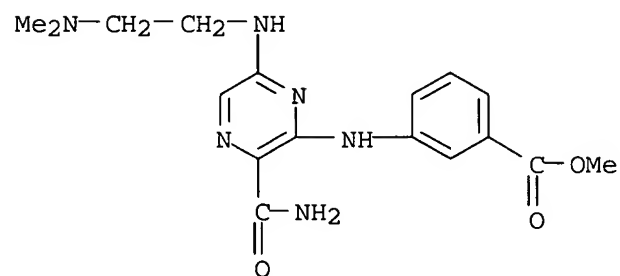
RN 313338-69-1 CAPLUS

CN Pyrazinecarboxamide, 3-[(3-acetylphenyl)amino]-5-[[2-(dimethylamino)ethyl]amino]- (9CI) (CA INDEX NAME)



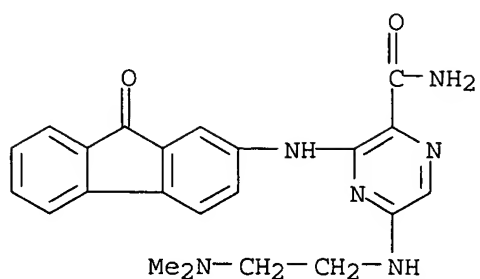
RN 313338-70-4 CAPLUS

CN Benzoic acid, 3-[[3-(aminocarbonyl)-6-[[2-(dimethylamino)ethyl]amino]pyrazinyl]amino]-, methyl ester (9CI) (CA INDEX NAME)



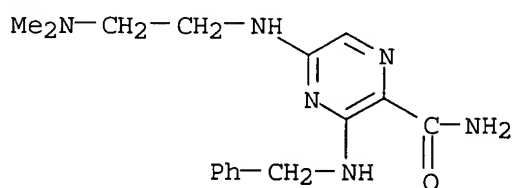
RN 313338-71-5 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(9-oxo-9H-fluoren-2-yl)amino]- (9CI) (CA INDEX NAME)



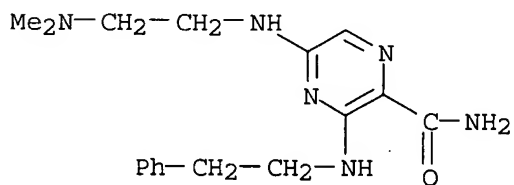
RN 313338-72-6 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(phenylmethyl)amino]- (9CI) (CA INDEX NAME)



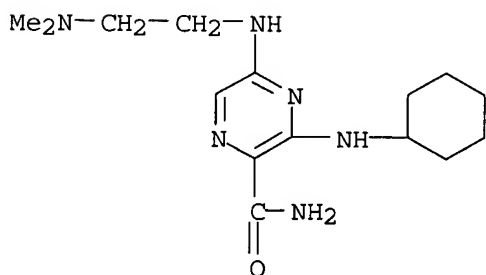
RN 313338-73-7 CAPLUS

CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)ethyl]amino]-3-[(2-phenylethyl)amino]- (9CI) (CA INDEX NAME)



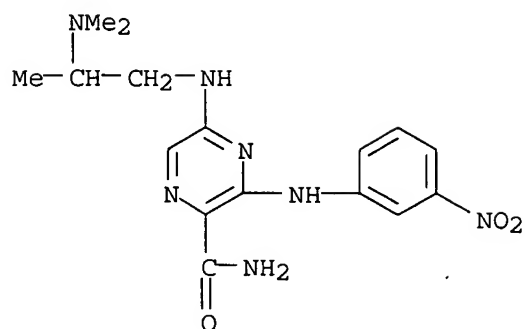
RN 313338-74-8 CAPLUS

CN Pyrazinecarboxamide, 3-(cyclohexylamino)-5-[[2-(dimethylamino)ethyl]amino]- (9CI) (CA INDEX NAME)



RN 313338-75-9 CAPLUS

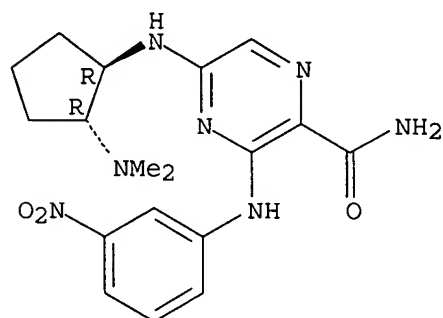
CN Pyrazinecarboxamide, 5-[[2-(dimethylamino)propyl]amino]-3-[(3-nitrophenyl)amino]- (9CI) (CA INDEX NAME)



RN 313338-76-0 CAPLUS

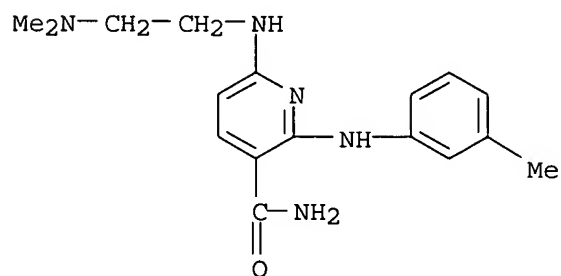
CN Pyrazinecarboxamide, 5-[[[(1R,2R)-2-(dimethylamino)cyclopentyl]amino]-3-[(3-nitrophenyl)amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



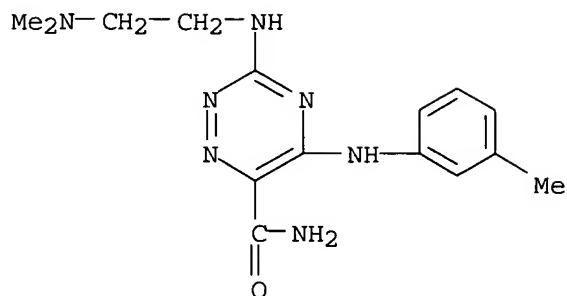
RN 313339-07-0 CAPLUS

CN 3-Pyridinecarboxamide, 6-[[2-(dimethylamino)ethyl]amino]-2-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)

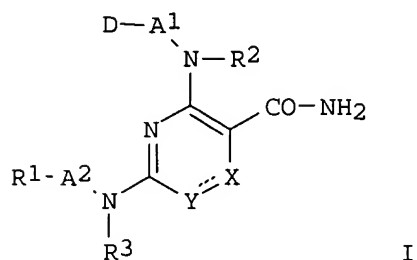


RN 313339-08-1 CAPLUS

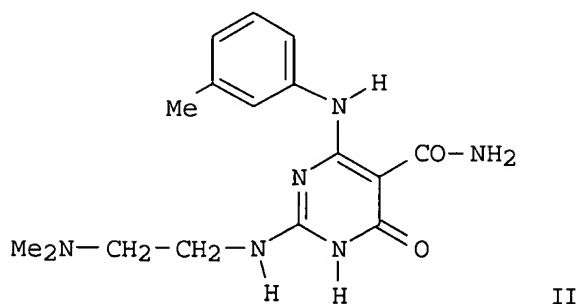
CN 1,2,4-Triazine-6-carboxamide, 3-[[2-(dimethylamino)ethyl]amino]-5-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



GI



I



II

AB The title compds. I [Y and X together are N:N, C(R4):N, etc.; D = (un)substituted aryl, etc.; R1 = (un)substituted heteroaryl, etc.; A1, A2 = (un)substituted alkylene, etc.; R2, R3, R4 = H, OH, etc.; or R1A2NR3 = (un)substituted heteroaryl] are prepd. The title compd. II in vitro showed IC50 of 0.0049 .mu.mol against protein kinase C.

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:881124 CAPLUS

DN 134:42141

TI Preparation of novel heterocyclic carboxamide derivatives as spleen tyrosine kinase inhibitors

IN Hisamichi, Hiroyuki; Kawazoe, Souichirou; Tanabe, Kazuhito; Ichikawa, Atsushi; Orita, Akiko; Suzuki, Takayuki; Onda, Kenichi; Takeuchi, Makoto

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 36 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000075113	A1	20001214	WO 2000-JP3767	20000609
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
JP 2001055378	A2	20010227	JP 1999-162692 A	19990609
			JP 2000-171185	20000607
			JP 1999-162692 A	19990609
EP 1184376	A1	20020306	EP 2000-935619	20000609
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			WO 2000-JP3767 W	20000609

OS MARPAT 134:42141

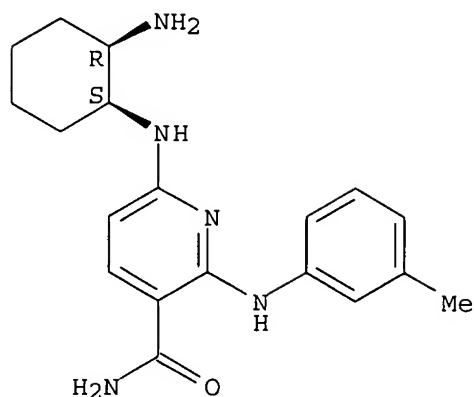
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 312736-87-1P 312736-88-2P 312736-89-3P
 312736-90-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of novel heterocyclic carboxamide derivs. as spleen tyrosine kinase inhibitors as preventives or remedies for diseases)

RN 312736-59-7 CAPLUS

CN 3-Pyridinecarboxamide, 6-[[[(1R,2S)-2-aminocyclohexyl]amino]-2-[(3-methylphenyl)amino]-, monohydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

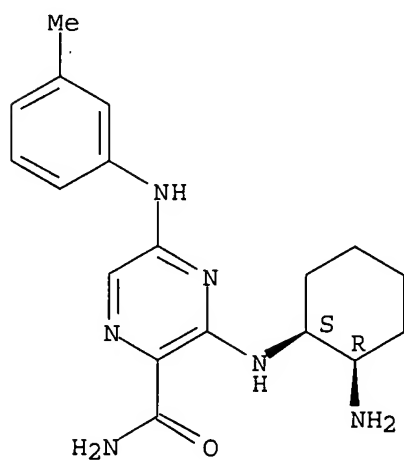


● HCl

RN 312736-60-0 CAPLUS

CN Pyrazinecarboxamide, 3-[[[(1R,2S)-2-aminocyclohexyl]amino]-5-[(3-methylphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

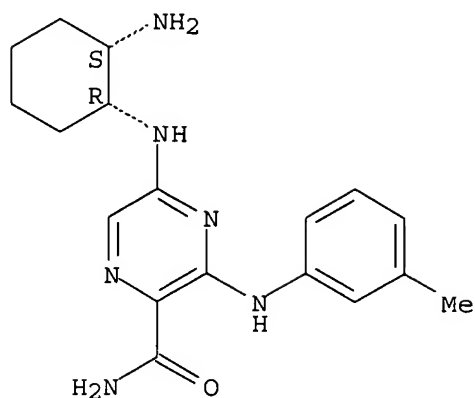
Relative stereochemistry.



RN 312736-79-1 CAPLUS

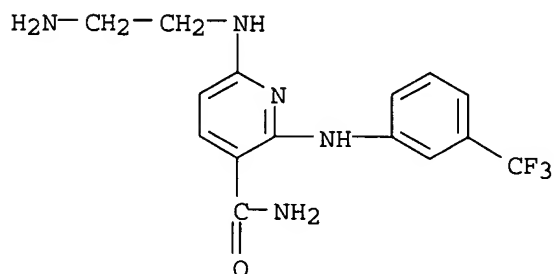
CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3-methylphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



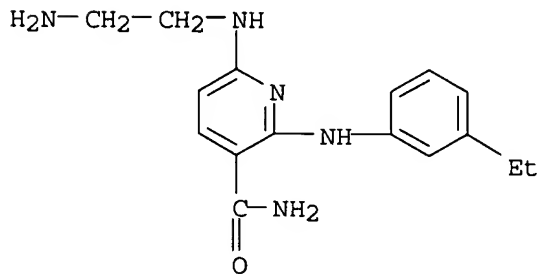
RN 312736-81-5 CAPLUS

CN 3-Pyridinecarboxamide, 6-[(2-aminoethyl)amino]-2-[[3-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 312736-82-6 CAPLUS

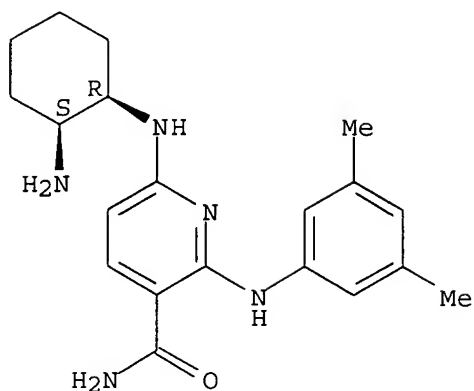
CN 3-Pyridinecarboxamide, 6-[(2-aminoethyl)amino]-2-[[3-ethylphenyl]amino]- (9CI) (CA INDEX NAME)



RN 312736-83-7 CAPLUS

CN 3-Pyridinecarboxamide, 6-[[[(1R,2S)-2-aminocyclohexyl]amino]-2-[(3,5-dimethylphenyl)amino]-, monohydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

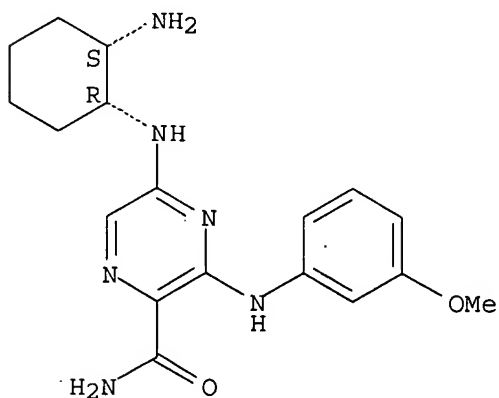


● HCl

RN 312736-84-8 CAPLUS

CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3-methoxyphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

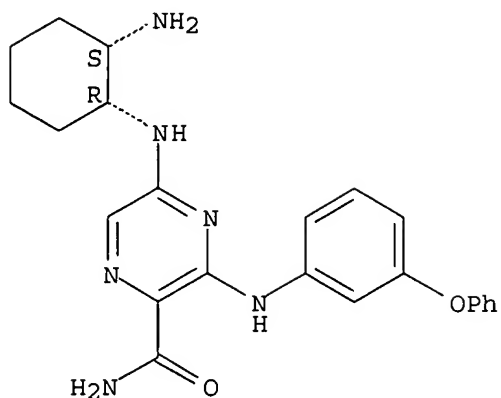
Relative stereochemistry.



RN 312736-85-9 CAPLUS

CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3-phenoxyphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

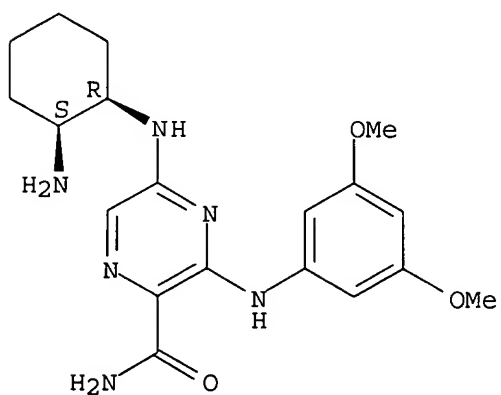
Relative stereochemistry.



RN 312736-86-0 CAPLUS

CN Pyrazinecarboxamide, 5-[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3,5-dimethoxyphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

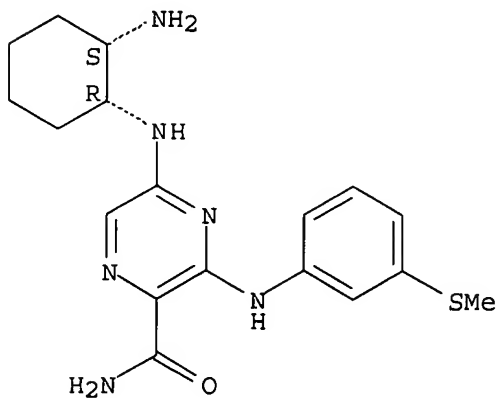
Relative stereochemistry.

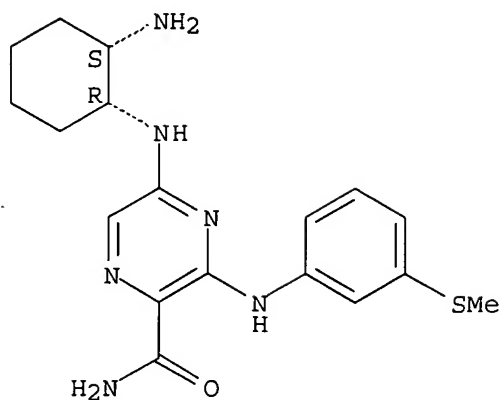


RN 312736-87-1 CAPLUS

CN Pyrazinecarboxamide, 5-[[(1R,2S)-2-aminocyclohexyl]amino]-3-[[3-(methythio)phenyl]amino]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

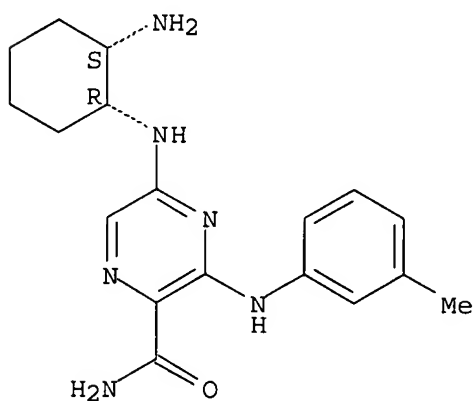




RN 312736-88-2 CAPLUS

CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)

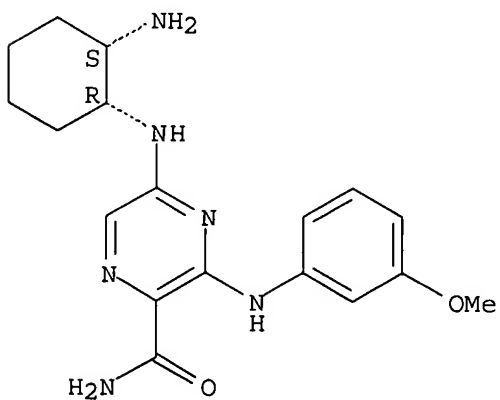
Absolute stereochemistry. Rotation (+).

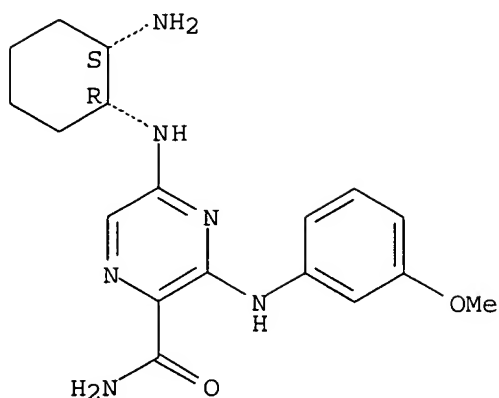


RN 312736-89-3 CAPLUS

CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3-methoxyphenyl)amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

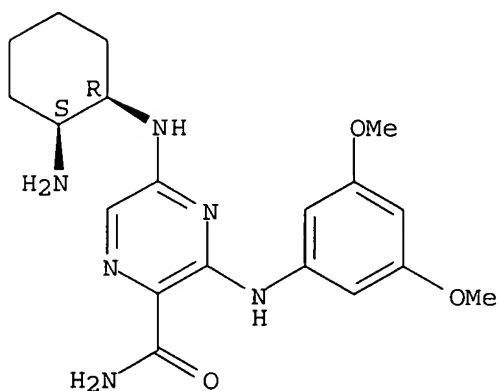




RN 312736-90-6 CAPLUS

CN Pyrazinecarboxamide, 5-[[[(1R,2S)-2-aminocyclohexyl]amino]-3-[(3,5-dimethoxyphenyl)amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



IT 312736-74-6P 312736-75-7P 312736-76-8P

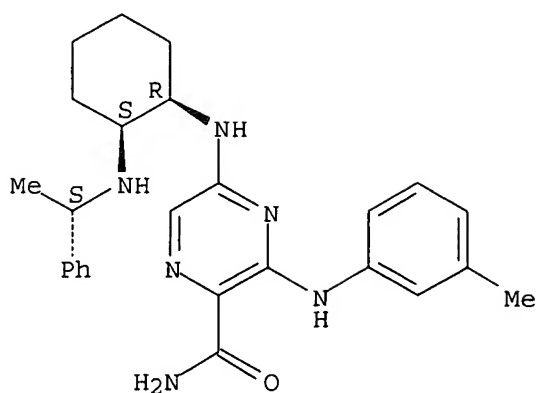
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of novel heterocyclic carboxamide derivs. as spleen tyrosine kinase inhibitors as preventives or remedies for diseases)

RN 312736-74-6 CAPLUS

CN Pyrazinecarboxamide, 3-[(3-methylphenyl)amino]-5-[[[(1R,2S)-2-[[[(1S)-1-phenylethyl]amino]cyclohexyl]amino]- (9CI) (CA INDEX NAME)

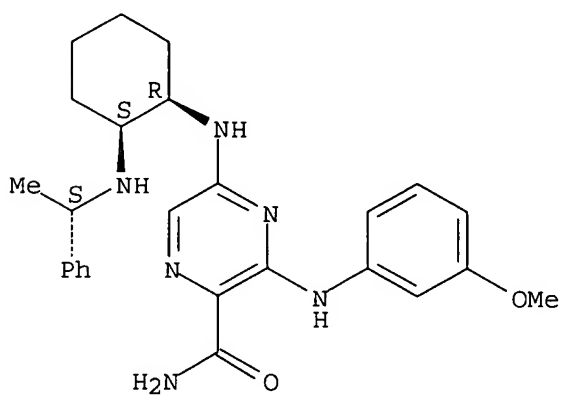
Absolute stereochemistry.



RN 312736-75-7 CAPLUS

CN Pyrazinecarboxamide, 3-[(3-methoxyphenyl)amino]-5-[[[(1R,2S)-2-[[[(1S)-1-phenylethyl]amino]cyclohexyl]amino]- (9CI) (CA INDEX NAME)]

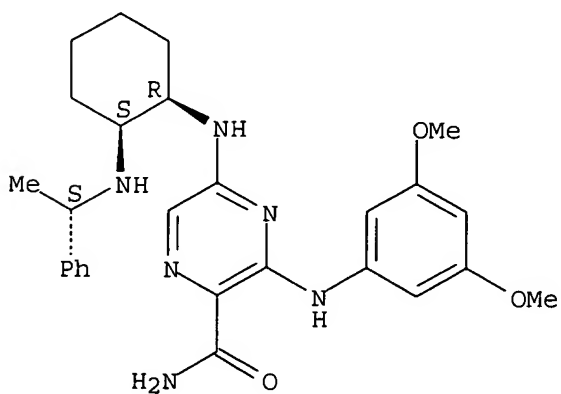
Absolute stereochemistry.

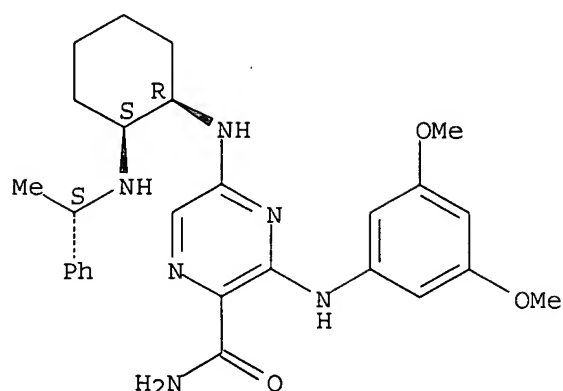


RN 312736-76-8 CAPLUS

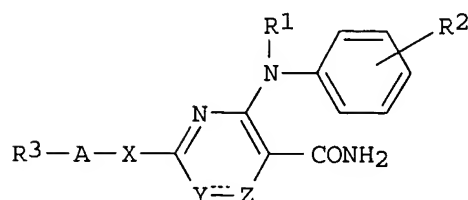
CN Pyrazinecarboxamide, 3-[(3,5-dimethoxyphenyl)amino]-5-[[[(1R,2S)-2-[[[(1S)-1-phenylethyl]amino]cyclohexyl]amino]- (9CI) (CA INDEX NAME)]

Absolute stereochemistry.





GI



I

AB Nitrogenous six-membered heterocycle compds. bearing as the substituents -X-A-R3, -N-(R1)-(R2-substituted Ph) and -CONH2 [I; wherein A = (substituted) lower alkylene, (substituted) (hetero)arylene, cycloalkylene; X = NR4, CONR4, NR4CO, O, S; the dotted line between Y and Z represents the presence of a bond (Y:Z) or the absence of a bond (Y-Z); Y-Z = NR5-CO, CO-NR5, NR5-NR5, CO-CO; Y:Z = N:CR1, CR7:N, N:N, CR7:CR7; R4 = each H, lower alkyl, -CO-lower alkyl, or -SO2-lower alkyl; R2 = H, (halo-substituted) lower alkyl, -O-lower alkyl, -S-lower alkyl, -O-aryl, nitro, cyano, or the like; R3 = -CO2H, -CO2-lower alkyl, -lower alkylene-CO2H, -NH2, -alkylene-NH2, or the like; R5 = H, lower alkyl; R6 = lower alkyl, OH, -O-lower alkyl, -O-(substituted) aryl, -O-lower alkylene-(substituted) aryl, -NR1-(substituted) aryl, -CO-lower alkyl-(substituted) aryl; R7 = H, R6] salts or prodrugs thereof are prepd. Also claimed are spleen tyrosine kinase (Syk) inhibitors contg. the compds. I or the salts or the prodrugs thereof as the active ingredient. The compds. I are useful for the prevention or treatment of allergies, inflammations, autoimmune diseases, cancers, transplant rejection, graft-vs.-host diseases, and thrombosis. Thus, 2.76 mL cis-1,2-cyclohexanediamine was added to a mixt. of 605 mg 6-chloro-2-(3-methylanilino)pyridine-3-carboxamide and 10 mL MeCN and refluxed for 5 days to give 230 mg 6-(cis-2-aminohexylamino)-2-(3-methylanilino)pyrazine-3-carboxamide (II). II showed IC50 of .1toeq.0.05 .mu.M against Syk, good inhibition against passive cutaneous anaphylaxis (PCA) in mice sensitized by anti-dinitrophenyl-IgE (DNP-IgE), and IC50 of .1toeq.0.1 .mu.M against serotonin release according to the assay described by Collado-Escobar (J. Immunol. 144, 1990).

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:404941 CAPLUS
 DN 131:44844
 TI preparation of novel pyrimidine-5-carboxamide derivatives as tyrosinase inhibitors
 IN Hisamichi, Hiroyuki; Naito, Ryo; Kawazoe, Souichirou; Toyoshima, Akira; Tanabe, Kazuhito; Nakai, Eiichi; Ichikawa, Atsushi; Orita, Akiko; Takeuchi, Makoto
 PA Yamanouchi Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 43 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9931073	A1	19990624	WO 1998-JP5643	19981214
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9915071	A1	19990705	JP 1997-344588 A	19971215
			AU 1999-15071	19981214
			JP 1997-344588 A	19971215
			WO 1998-JP5643 W	19981214
EP 1054004	A1	20001122	EP 1998-959197	19981214
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			JP 1997-344588 A	19971215
			WO 1998-JP5643 W	19981214
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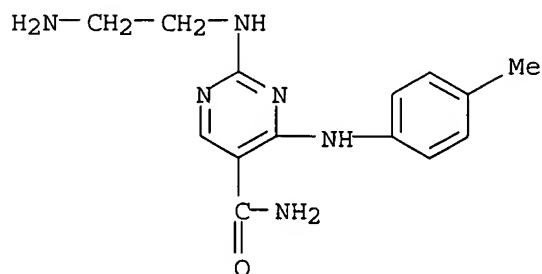
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IT 227449-68-5P 227449-69-6P 227449-70-9P
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 227449-78-7P 227449-79-8P 227449-80-1P
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 227450-25-1P 227450-26-2P 227450-27-3P
 227450-28-4P 227450-29-5P 227450-30-8P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of novel pyrimidine-5-carboxamide derivs. as tyrosinase
inhibitors)

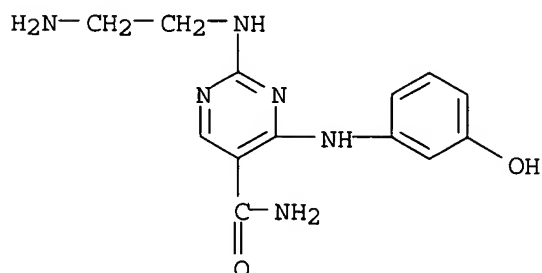
RN 227449-68-5 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(4-methylphenyl)amino]-
(9CI) (CA INDEX NAME)



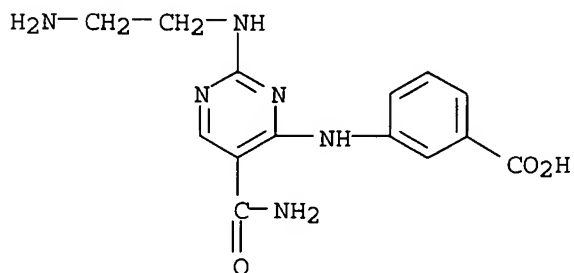
RN 227449-69-6 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(3-hydroxyphenyl)amino]- (9CI) (CA INDEX NAME)



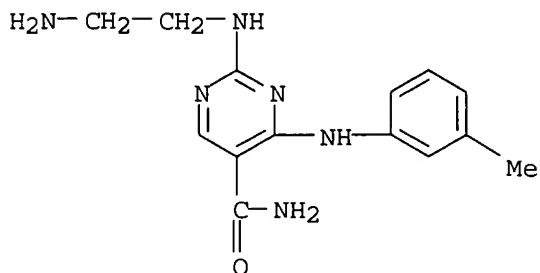
RN 227449-70-9 CAPLUS

CN Benzoic acid, 3-[[[5-(aminocarbonyl)-2-[(2-aminoethyl)amino]-4-pyrimidinyl]amino]-, dihydrochloride (9CI) (CA INDEX NAME)

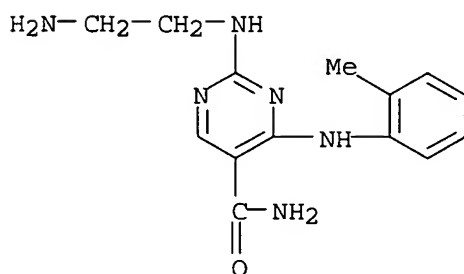


2 HCl

RN 227449-71-0 CAPLUS

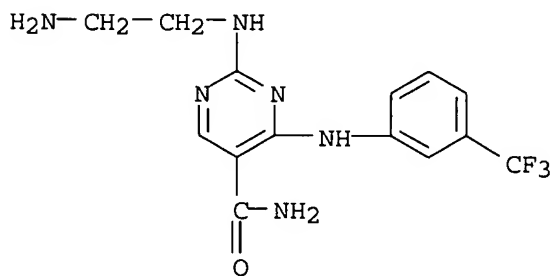
CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(3-methylphenyl)amino]-
(9CI) (CA INDEX NAME)

RN 227449-72-1 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(2-methylphenyl)amino]-
(9CI) (CA INDEX NAME)

RN 227449-73-2 CAPLUS

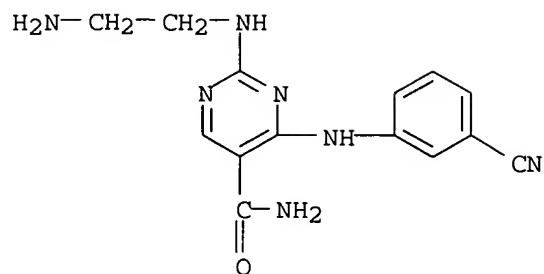
CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[[3-(trifluoromethyl)phenyl]amino]-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

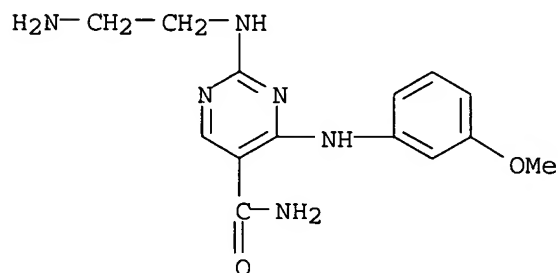
RN 227449-74-3 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(3-cyanophenyl)amino]-
(9CI) (CA INDEX NAME)



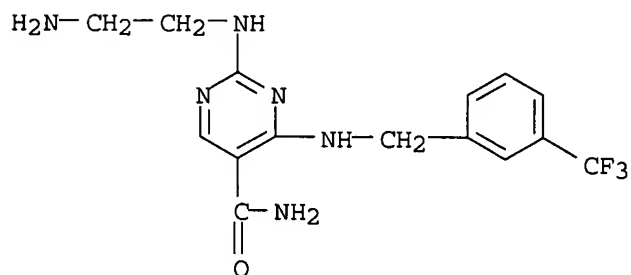
RN 227449-75-4 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(3-methoxyphenyl)amino] - (9CI) (CA INDEX NAME)



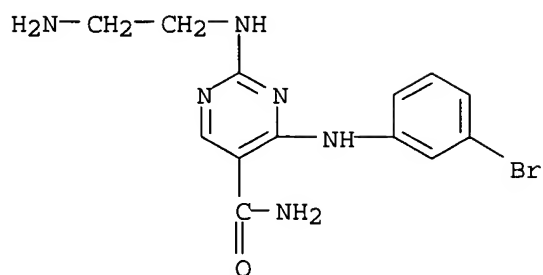
RN 227449-76-5 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[[[3-(trifluoromethyl)phenyl]methyl]amino] - (9CI) (CA INDEX NAME)



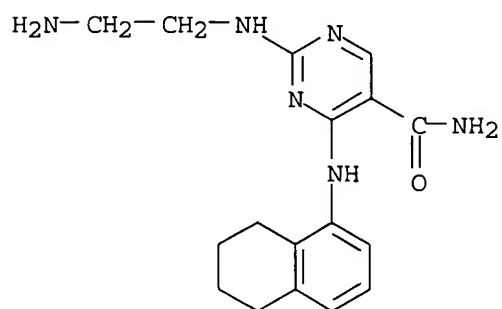
RN 227449-78-7 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(3-bromophenyl)amino] - (9CI) (CA INDEX NAME)



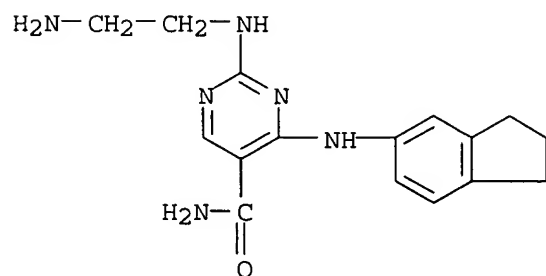
RN 227449-79-8 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(5,6,7,8-tetrahydro-1-naphthalenyl)amino]- (9CI) (CA INDEX NAME)



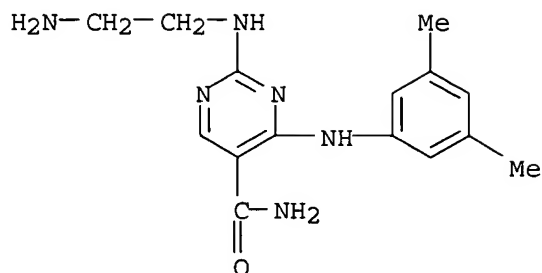
RN 227449-80-1 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(2,3-dihydro-1H-inden-5-yl)amino]- (9CI) (CA INDEX NAME)



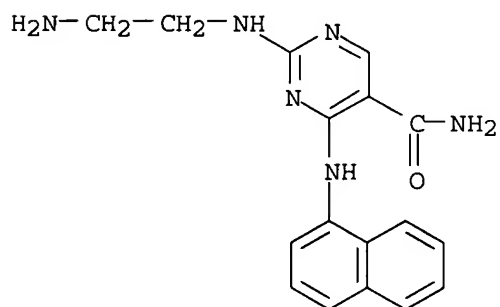
RN 227449-81-2 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(3,5-dimethylphenyl)amino]- (9CI) (CA INDEX NAME)



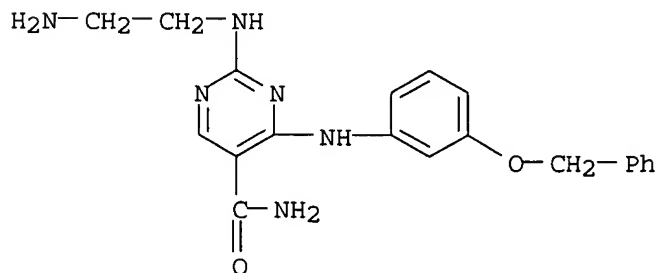
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CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-(1-naphthalenylamino)- (9CI) (CA INDEX NAME)



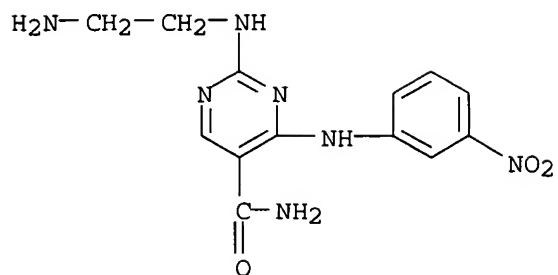
RN 227449-83-4 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[[3-(phenylmethoxy)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 227449-84-5 CAPLUS

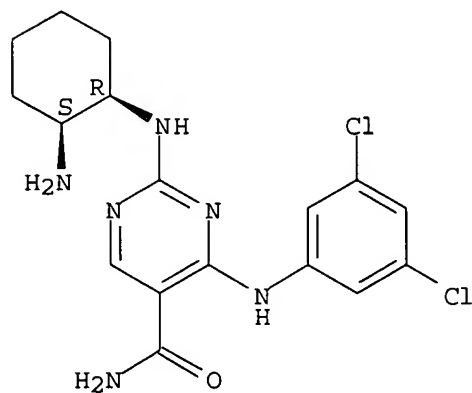
CN 5-Pyrimidinecarboxamide, 2-[(2-aminoethyl)amino]-4-[(3-nitrophenyl)amino]- (9CI) (CA INDEX NAME)



RN 227449-88-9 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[[(1R,2S)-2-aminocyclohexyl]amino]-4-[(3,5-dichlorophenyl)amino]-, dihydrochloride, rel- (9CI) (CA INDEX NAME)

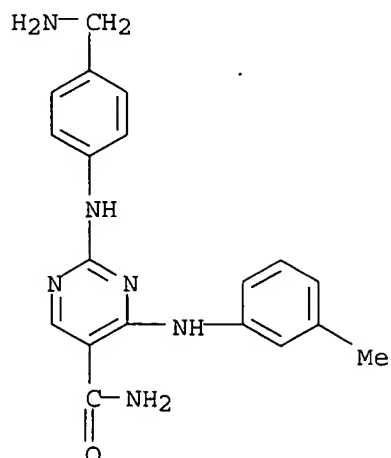
Relative stereochemistry.



● 2 HCl

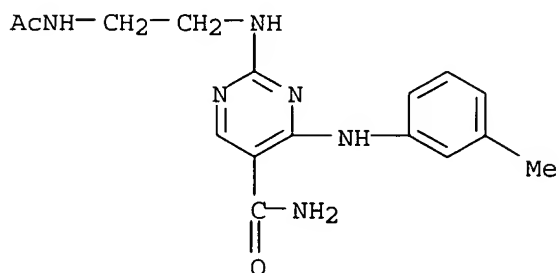
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CN 5-Pyrimidinecarboxamide, 2-[[4-(aminomethyl)phenyl]amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



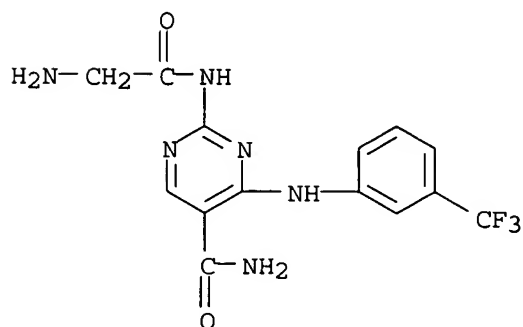
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CN 5-Pyrimidinecarboxamide, 2-[[2-(aminomethyl)ethyl]amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



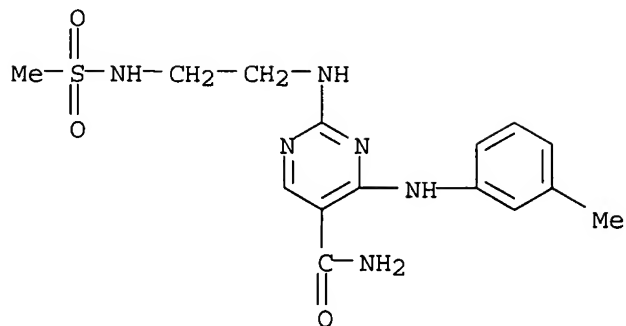
RN 227449-94-7 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(aminoacetyl)amino]-4-[(3-(trifluoromethyl)phenyl)amino]- (9CI) (CA INDEX NAME)



RN 227449-95-8 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-[(3-methylphenyl)amino]-2-[[2-[(methylsulfonyl)amino]ethyl]amino]- (9CI) (CA INDEX NAME)



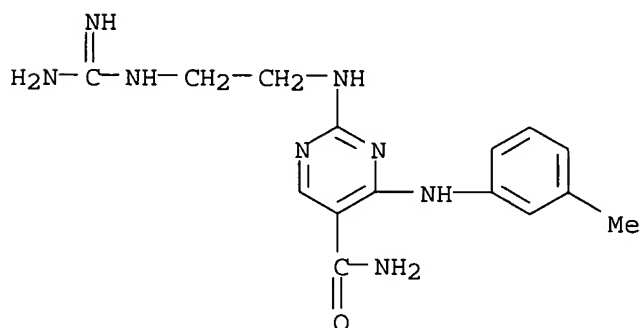
RN 227449-97-0 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[2-[(aminoiminomethyl)amino]ethyl]amino]-4-[(3-methylphenyl)amino]-, mononitrate (9CI) (CA INDEX NAME)

CM 1

CRN 227449-96-9

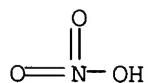
CMF C15 H20 N8 O



CM 2

CRN 7697-37-2

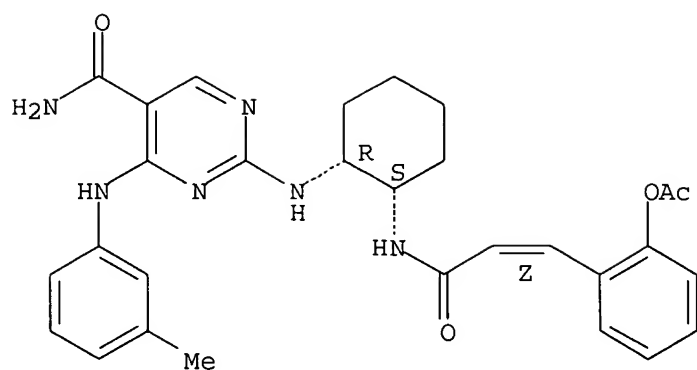
CMF H N O3



RN 227449-98-1 CAPLUS

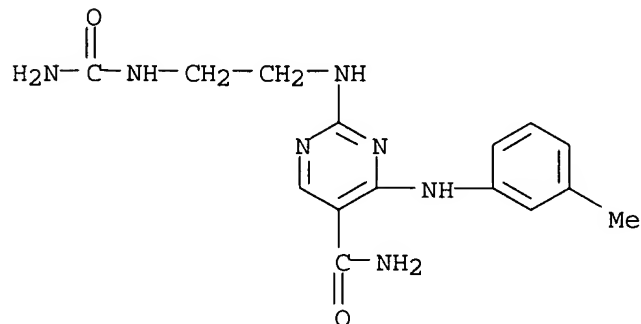
CN 5-Pyrimidinecarboxamide, 2-[[[(1R,2S)-2-[[[(2Z)-3-[2-(acetyloxy)phenyl]-1-oxo-2-propenyl]amino]cyclohexyl]amino]-4-[(3-methylphenyl)amino]-, rel-]]ethyl]amino]-, mononitrate (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



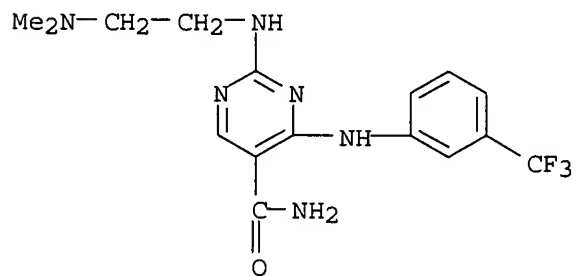
RN 227449-99-2 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[2-[(aminocarbonyl)amino]ethyl]amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



RN 227450-00-2 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[2-(dimethylamino)ethyl]amino]-4-[[3-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)



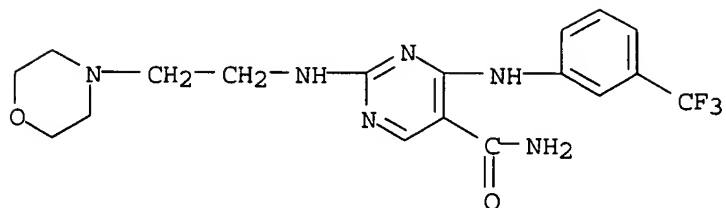
RN 227450-04-6 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[2-(4-morpholinyl)ethyl]amino]-4-[[3-(trifluoromethyl)phenyl]amino]-, (2E)-2-butenedioate (2:1) (9CI) (CA INDEX NAME)

CM 1

CRN 227450-03-5

CMF C18 H21 F3 N6 O2

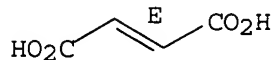


CM 2

CRN 110-17-8

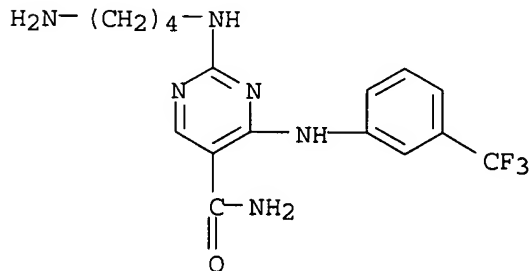
CMF C4 H4 O4

Double bond geometry as shown.



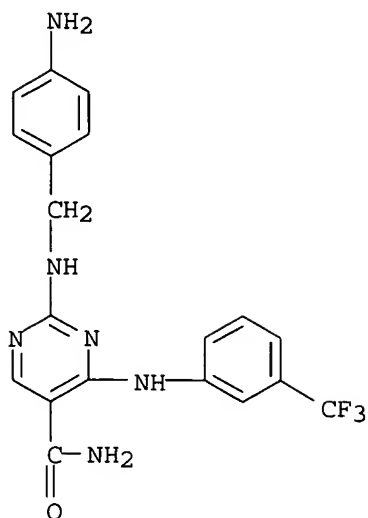
RN 227450-05-7 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[4-aminobutyl]amino]-4-[[3-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)



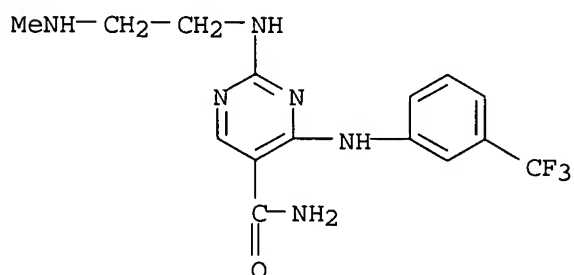
RN 227450-06-8 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[[4-aminophenyl]methyl]amino]-4-[[3-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 227450-07-9 CAPLUS

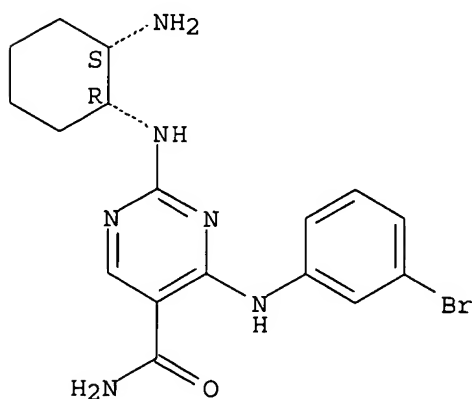
CN 5-Pyrimidinecarboxamide, 2-[[2-(methylamino)ethyl]amino]-4-[[3-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 227450-08-0 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[[(1R,2S)-2-aminocyclohexyl]amino]-4-[(3-bromophenyl)amino]-, rel- (9CI) (CA INDEX NAME)

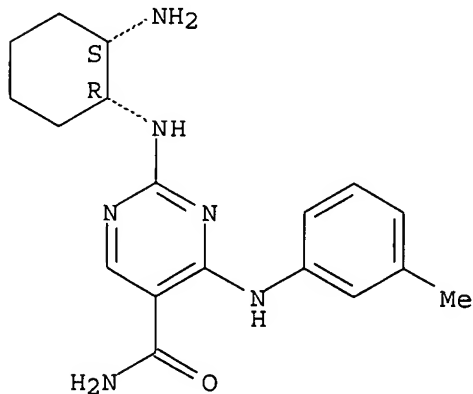
Relative stereochemistry.



RN 227450-09-1 CAPLUS

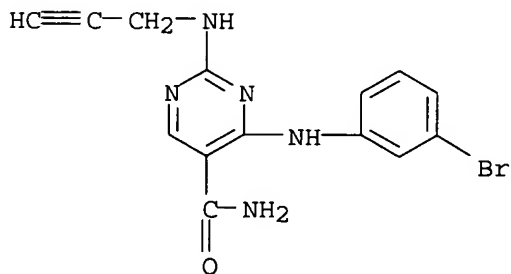
CN 5-Pyrimidinecarboxamide, 2-[[[(1R,2S)-2-aminocyclohexyl]amino]-4-[(3-methylphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 227450-10-4 CAPLUS

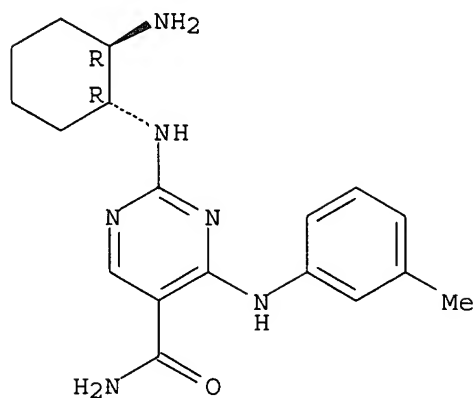
CN 5-Pyrimidinecarboxamide, 4-[(3-bromophenyl)amino]-2-(2-propynylamino)- (9CI) (CA INDEX NAME)



RN 227450-11-5 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[[(1R,2R)-2-aminocyclohexyl]amino]-4-[(3-methylphenyl)amino]-, rel- (9CI) (CA INDEX NAME)

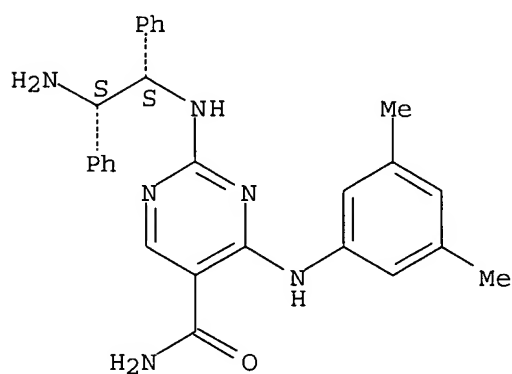
Relative stereochemistry.



RN 227450-12-6 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[{(1R,2R)-2-amino-1,2-diphenylethyl]amino]-4-[(3,5-dimethylphenyl)amino]-, monohydrochloride, rel- (9CI) (CA INDEX NAME)

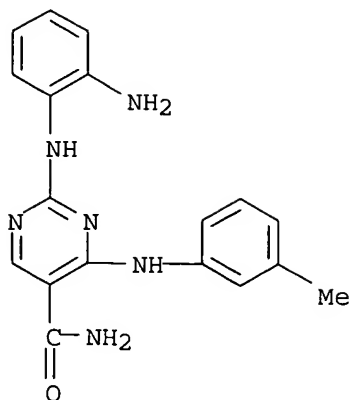
Relative stereochemistry.



● HCl

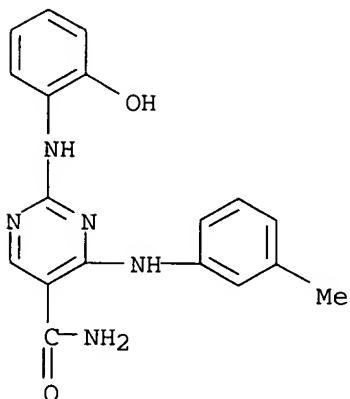
RN 227450-13-7 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminophenyl)amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



RN 227450-14-8 CAPLUS

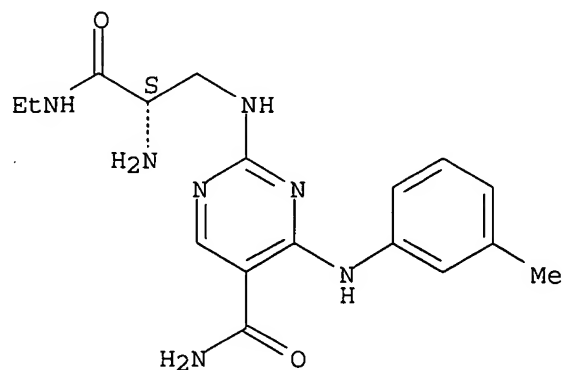
CN 5-Pyrimidinecarboxamide, 2-[(2-hydroxyphenyl)amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



RN 227450-15-9 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[[(2S)-2-amino-3-(ethylamino)-3-oxopropyl]amino]-4-[(3-methylphenyl)amino]-, dihydrochloride (9CI) (CA INDEX NAME)

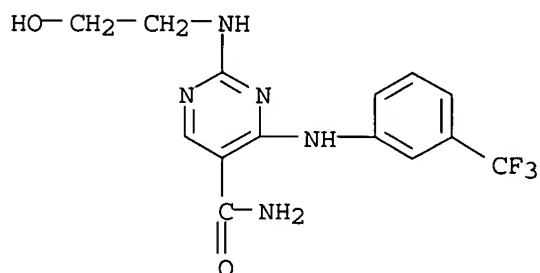
Absolute stereochemistry.



● 2 HCl

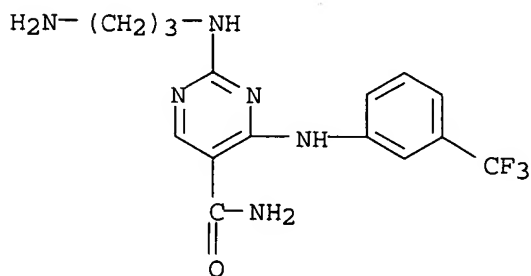
RN 227450-16-0 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-hydroxyethyl)amino]-4-[[3-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)



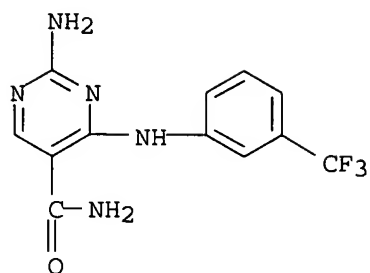
RN 227450-17-1 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(3-aminopropyl)amino]-4-[[3-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 227450-19-3 CAPLUS

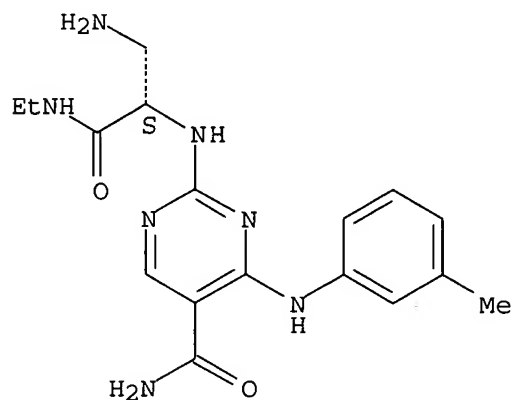
CN 5-Pyrimidinecarboxamide, 2-amino-4-[[3-(trifluoromethyl)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 227450-20-6 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[[(1S)-1-(aminomethyl)-2-(ethylamino)-2-oxoethyl]amino]-4-[(3-methylphenyl)amino]-, dihydrochloride (9CI) (CA INDEX NAME)

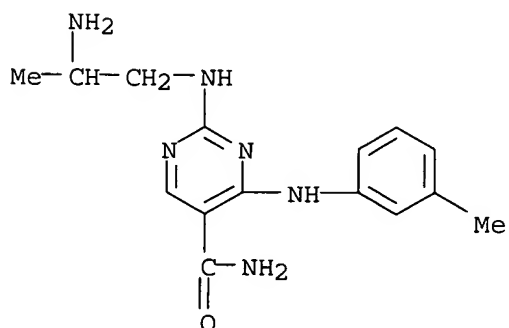
Absolute stereochemistry.



● 2 HCl

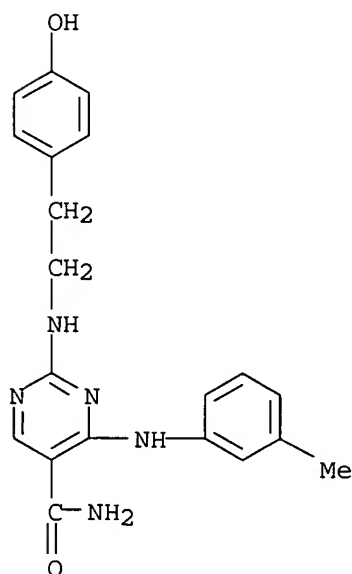
RN 227450-21-7 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-aminopropyl)amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



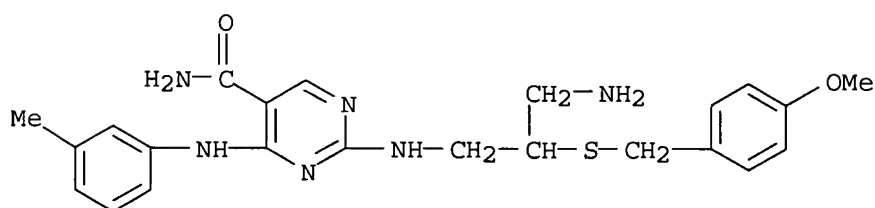
RN 227450-22-8 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[2-(4-hydroxyphenyl)ethyl]amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



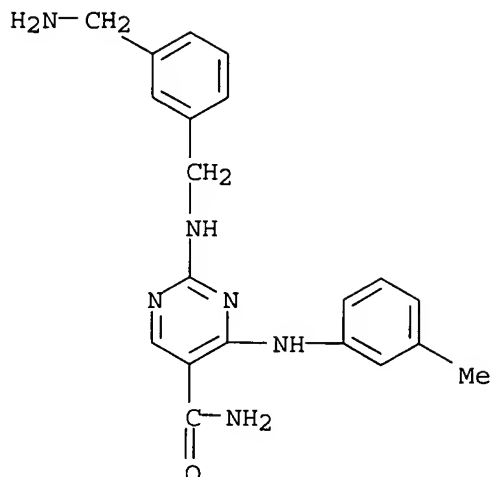
RN 227450-23-9 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[[3-amino-2-[[[4-methoxyphenyl)methyl]thio]propyl]amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



RN 227450-24-0 CAPLUS

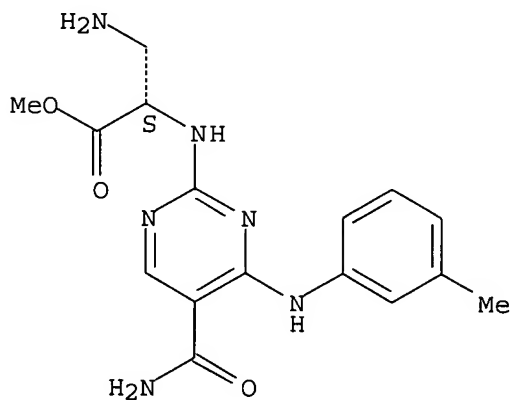
CN 5-Pyrimidinecarboxamide, 2-[[[3-(aminomethyl)phenyl)methyl]amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



RN 227450-25-1 CAPLUS

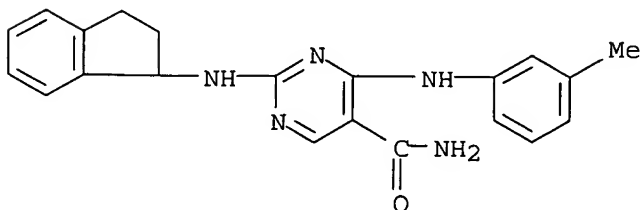
CN L-Alanine, 3-amino-N-[5-(aminocarbonyl)-4-[(3-methylphenyl)amino]-2-pyrimidinyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



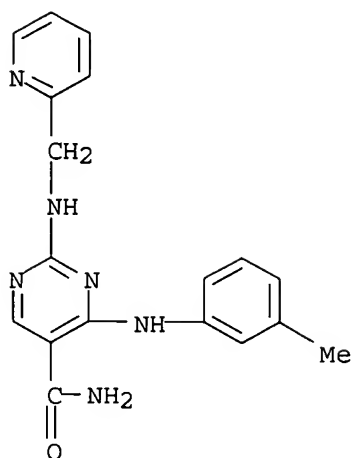
RN 227450-26-2 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2,3-dihydro-1H-inden-1-yl)amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



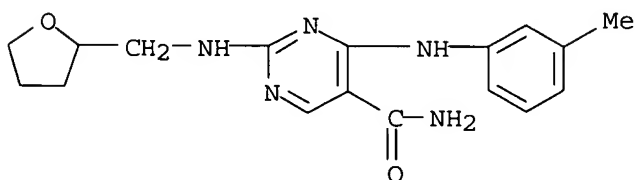
RN 227450-27-3 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-[(3-methylphenyl)amino]-2-[(2-pyridinylmethyl)amino]- (9CI) (CA INDEX NAME)



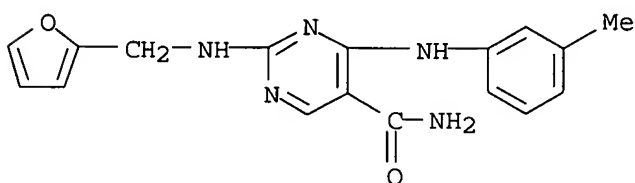
RN 227450-28-4 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-[(3-methylphenyl)amino]-2-[(2-furanylmethyl)amino]- (9CI) (CA INDEX NAME)



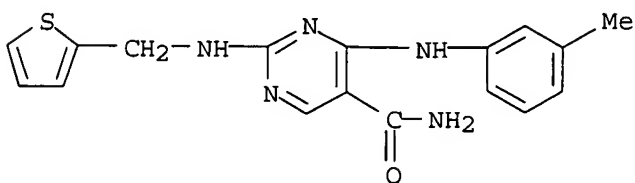
RN 227450-29-5 CAPLUS

CN 5-Pyrimidinecarboxamide, 2-[(2-furanylmethyl)amino]-4-[(3-methylphenyl)amino]- (9CI) (CA INDEX NAME)



RN 227450-30-8 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-[(3-methylphenyl)amino]-2-[(2-thienylmethyl)amino]- (9CI) (CA INDEX NAME)

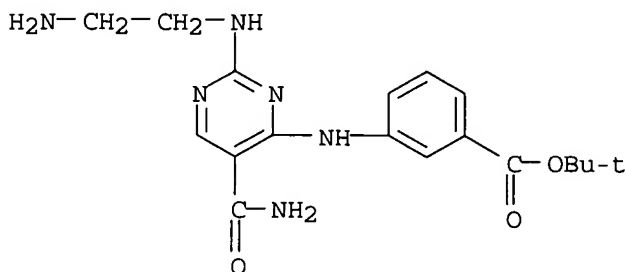


IT 227449-04-9

RL: RCT (Reactant); RACT (Reactant or reagent)
 (prepn. of novel pyrimidine-5-carboxamide derivs. as tyrosinase inhibitors)

RN 227449-04-9 CAPLUS

CN Benzoic acid, 3-[[5-(aminocarbonyl)-2-[(2-aminoethyl)amino]-4-pyrimidinyl]amino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

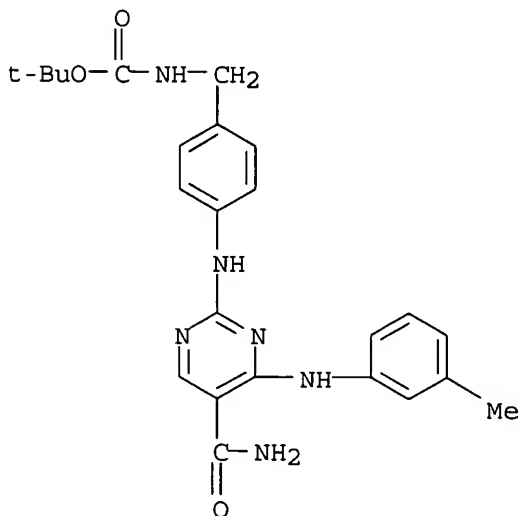


IT 227449-47-0P 227449-67-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. of novel pyrimidine-5-carboxamide derivs. as tyrosinase inhibitors)

RN 227449-47-0 CAPLUS

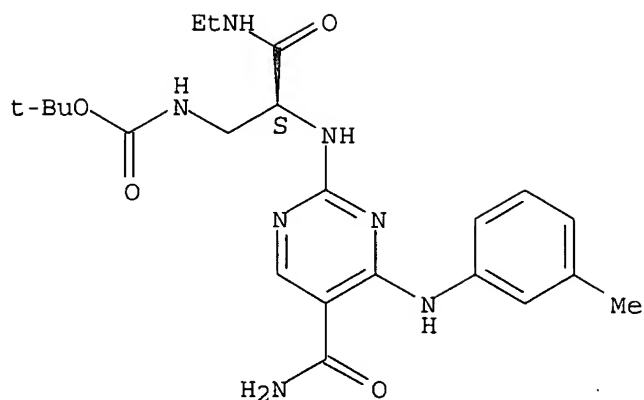
CN Carbamic acid, [[4-[[5-(aminocarbonyl)-4-[(3-methylphenyl)amino]-2-pyrimidinyl]amino]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



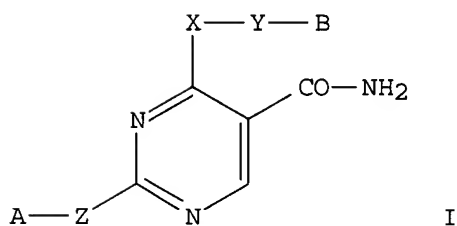
RN 227449-67-4 CAPLUS

CN Carbamic acid, [(2S)-2-[[5-(aminocarbonyl)-4-[(3-methylphenyl)amino]-2-pyrimidinyl]amino]-3-(ethylamino)-3-oxopropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



GI



AB Pyrimidine-5-carboxamide derivs. or salts [I; X = O, S, NR₁, CO, NR₁CO, CONR₁, C=NOR₁, a bond; Y = lower alkylene optionally substituted by OR₁ or NHR₁, a bond; Z = O, NR₂, a bond; A = H, optionally substituted lower alkyl, lower alkyl optionally having CO, optionally substituted aryl or heteroaryl, optionally substituted cycloalkyl, optionally substituted and satd. N heterocycle; B = optionally substituted aryl or heteroaryl; R₁, R₂ = H or lower alkyl optionally contg. CO], effective tyrosinase inhibitors useful as 5-HT antagonists, antiallergics, were prepd. I showed IC₅₀ < 0.1 .mu.M in scintillation proximity assay. I were effective at 0.1-10 mg/kg-day p.o.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

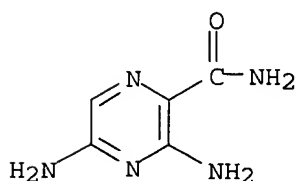
L3 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1991:228957 CAPLUS
DN 114:228957
TI Preparation and formulation of 4(3H)-pteridinones as allergy inhibitors
IN Ferrand, Gerard; Dumas, Herve; Depin, Jean Claude; Quentin, Yvette
PA LIPHA, Lyonnaise Industrielle Pharmaceutique, Fr.
SO Fr. Demande, 35 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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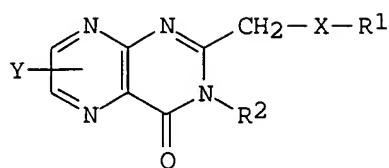
Patel

8/29/2003>

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	FR 2645152	B1	19910531		
	AU 9052218	A1	19901004	AU 1990-52218	19900326
	AU 630178	B2	19921022		
				FR 1989-4193	A 19890330
	EP 399856	A1	19901128	EP 1990-400827	19900327
	EP 399856	B1	19950809		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
				FR 1989-4193	A 19890330
	ES 2078324	T3	19951216	ES 1990-400827	19900327
				FR 1989-4193	A 19890330
	CA 2013324	AA	19900930	CA 1990-2013324	19900328
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				FR 1989-4193	A 19890330
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				FR 1989-4193	A 19890330
	CZ 284679	B6	19990217	CZ 1990-1520	19900328
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	NO 175100	C	19940831		
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	HU 208826	B	19940128		
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	DD 296927	A5	19911219	DD 1990-339197	19900329
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	SU 1836344	A3	19930823	SU 1990-4743545	19900329
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	JP 02304089	A2	19901217	JP 1990-81429	19900330
	JP 07025761	B4	19950322		
				FR 1989-4193	A 19890330
	US 5270465	A	19931214	US 1992-970839	19921103
				FR 1989-4193	A 19890330
				US 1990-501104	A319900329
OS	CASREACT 114:228957; MARPAT 114:228957				
IT	39870-67-2				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(reaction of, in prepn. of pteridine derivs. as allergy inhibitors)				
RN	39870-67-2 CAPLUS				
CN	Pyrazinecarboxamide, 3,5-diamino- (9CI) (CA INDEX NAME)				



GI



AB Title compds. [I; X = O, S; Y = H, alkyl, OH; R1 = H, alkyl, etc.; R2 = H, alkyl] and their pharmaceutically acceptable salts, were prepd., e.g., via cyclocondensation of 3-amino-2-pyrazinecarboxamides with Et orthoethoxyacetates. A mixt. of 3-amino-2-pyrazinecarboxamide, EtOCH₂C(OEt)₃, and Ac₂O was refluxed for 3 h to give 44% I [X = O, Y = R₂ = H, R₁ = Et], which effected 50% desensitization of ovalbumin antiserum homolog-sensitized rat skin at 7 mg/kg i.p. Capsules, aerosols, tablets, injections, etc., contg. I were formulated.

L3 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1985:506291 CAPLUS

DN 103:106291

TI Reactive monoazo dyes from 2,6-diaminopyridine coupling components

IN Anderson, Brian

PA Imperial Chemical Industries PLC, UK

SO Brit. UK Pat. Appl., 9 pp.

CODEN: BAXXDU

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	GB 2142926	A1	19850130	GB 1984-15204	19840614
				GB 1983-18554	19830708

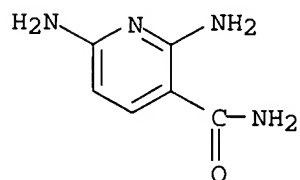
IT **69925-29-7**

RL: RCT (Reactant); RACT (Reactant or reagent)

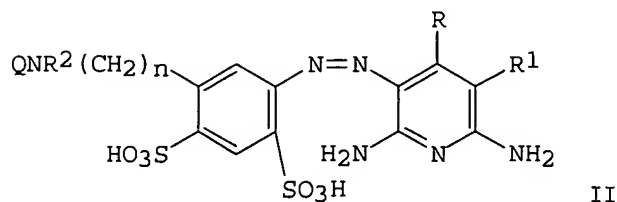
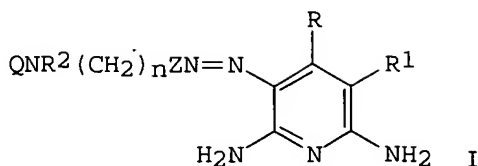
(coupling of, with diazotized (dichlorotriazinylamino)anilinedisulfonic acid)

RN 69925-29-7 CAPLUS

CN 3-Pyridinecarboxamide, 2,6-diamino- (9CI) (CA INDEX NAME)



GI



AB Reactive dyes of general structure I are prepd., where R = H or C1-4 alkyl; R1 = H, CN, CONH2, or CO2H; R2 = H or C1-4 alkyl optionally substituted by OH, CN, SO3H, or OSO3H; Z = (un)substituted phenylene or naphthylene; Q = cyclic cellulose-reactive group; and m = 0, 1, or 2. Thus, reaction of 3-cyano-4-methyl-2,6-diamino-5-[5-(methylaminomethyl)-2,4-disulfophenylazo]pyridine [97903-65-6] with 3-chloro-5-cyano-2,4,6-trifluoropyridine [24488-20-8] at 25-30.degree./pH 7-8 gave II (R = R2 = Me, R1 = CN, n = 1, Q = 3-chloro-5-cyano-2,6-difluoropyridin-4-yl) [97903-66-7], a bright yellow dye for cotton when applied from alk. medium at 40.degree.. II (R = R1 = H, R1 = CONH2, n = 0, Q = 4,6-dichloro-s-triazin-2-yl) [97903-67-8] was prepd. by diazotizing 5-(4,6-dichloro-s-triazin-2-ylamino)aniline-2,4-disulfonic acid [54050-03-2] and coupling with 3-carbamoyl-2,6-diaminopyridine [69925-29-7].

L3 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1983:53811 CAPLUS

DN 98:53811

TI Synthesis of pyrimido[4,5-d]pyrimidines. An unusual rearrangement of 2-aminopyrimido[4,5-d]pyrimidin-5(6H)-one into 2-amino-4,6-dichloro-1,3,5-triazine

AU Stanovnik, B.; Koren, B.; Steblaj, M.; Tisler, M.; Zmitek, J.

CS Dep. Chem., E. Kardelj Univ. Ljubljana, Ljubljana, 61000, Yugoslavia

SO Vestnik Slovenskega Kemijskega Drustva (1982), 29(2), 129-35

CODEN: VSKDAA; ISSN: 0560-3110

DT Journal

LA English

OS CASREACT 98:53811

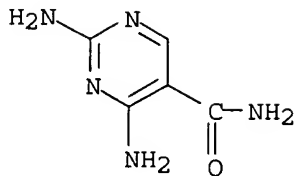
IT **66131-74-6P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

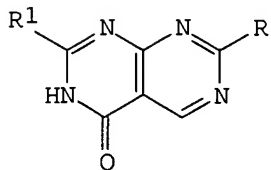
(prepn. and reaction of, with orthoalkanoates)

RN 66131-74-6 CAPLUS

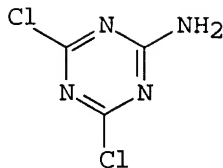
CN 5-Pyrimidinecarboxamide, 2,4-diamino- (6CI, 9CI) (CA INDEX NAME)



GI



I



III

AB Pyrimidopyrimidine I (R = NH₂, R₁ = H) was obtained by treating 5-carbamoyl-2,4-pyrimidinediamine (II) with HC(OEt)₃ or CH(NHCHO)₃. I (R = N:CMEOEt, R₁ = Me) was obtained from II and MeC(OEt)₃. Treatment of I (R = NH₂, R₁ = H) with POCl₃ gave the triazine III.

L3 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1979:198197 CAPLUS

DN 90:198197

TI About the relationship between antivitamin and the pathogenous protozoon *Trichomonas vaginalis*

AU Khristov, P.

CS Berlin, Ger. Dem. Rep.

SO Indian Journal of Microbiology (1978), 18(1), 54-7
CODEN: IJMBAC; ISSN: 0046-8991

DT Journal

LA English

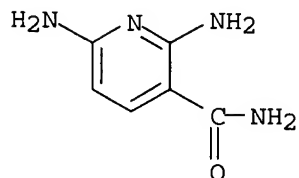
IT 69925-29-7

RL: PRP (Properties)

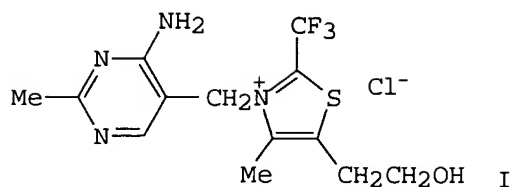
(*Trichomonas vaginalis* sensitivity to, vitamin antagonism in relation to)

RN 69925-29-7 CAPLUS

CN 3-Pyridinecarboxamide, 2,6-diamino- (9CI) (CA INDEX NAME)



GI



AB 2-Trifluoromethylthiamin (I) [69925-28-6], a vitamin B1 antagonist, had a protozoacidal effect on cultures of *T. vaginalis*. However, the vitamin B1 antagonist 2-methylthiamin [54379-29-2] and the nicotinic acid antagonist 2,6-aminonicotinamide [69925-29-7] did not affect trichomonad growth.

L3 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1978:529473 CAPLUS

DN 89:129473

TI Acetals of lactams and acid amides. XXVI. Syntheses of heterocycles based on enamino ketones and enaminoamides

AU Belyaeva, O. Ya.; Granik, V. G.; Glushkov, R. G.; Vlasova, T. F.; Anisimova, O. S.

CS Vses. Nauchno-Issled. Khim.-Farm. Inst., Moscow, USSR

SO Khimiya Geterotsiklicheskikh Soedinenii (1978), (6), 798-801
CODEN: KGSSAQ; ISSN: 0453-8234

DT Journal

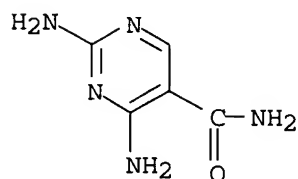
LA Russian

IT 66131-74-6P

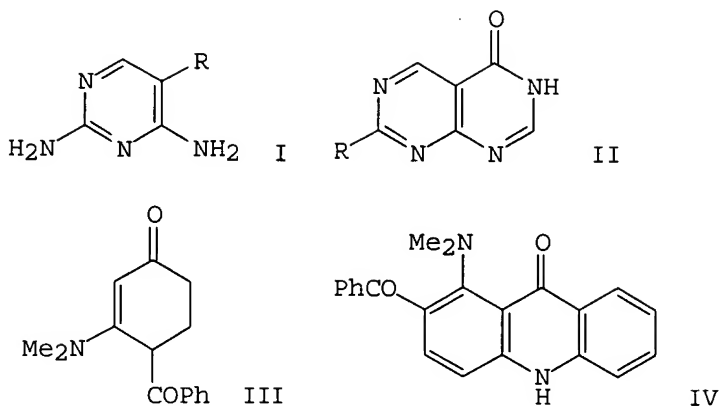
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and cyclization by formamide and DMF di-Et acetal)

RN 66131-74-6 CAPLUS

CN 5-Pyrimidinecarboxamide, 2,4-diamino- (6CI, 9CI) (CA INDEX NAME)



GI



AB Cyclizing $\text{Me}_2\text{NCH}:\text{C}(\text{CN})\text{CONH}_2$ with $(\text{NH}_2)_2\text{C}:\text{NH}.\text{HCl}$ gave 88% I ($\text{R} = \text{CONH}_2$) whose cyclocondensation with HCONH_2 gave 82% II ($\text{R} = \text{NH}_2$). A similar reaction with $\text{HC}(\text{OEt})_2\text{NMe}_2$ gave 94% II ($\text{R} = \text{Me}_2\text{NHC}:\text{N}$) which when treated with base gave 94% II ($\text{R} = \text{NH}_2$). This series of reactions also gave 74% I ($\text{R} = \text{CN}$). Cyclocondensation of $\text{Me}_2\text{NCMe}:\text{CHCOPh}$ with $\text{CH}_2:\text{CHCOCl}$ gave 42% III which was treated with Et_3OBF_4 and $\text{o-H}_2\text{NC}_6\text{H}_4\text{CO}_2\text{Et}$ to give 10.7% IV.

L3 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1978:512422 CAPLUS

DN 89:112422

TI Substituted nicotinamides

IN Lamm, Gunther

PA BASF A.-G., Fed. Rep. Ger.

SO Ger. Offen., 19 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

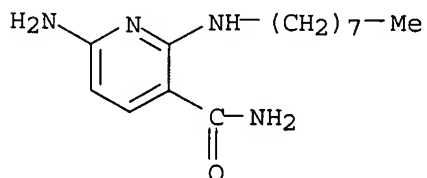
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2655144	A1	19780608	DE 1976-2655144	19761206
				DE 1976-2655144	19761206

IT **67268-30-8P 67268-31-9P**

RL: IMF (Industrial manufacture); PREP (Preparation)
(prepn. of)

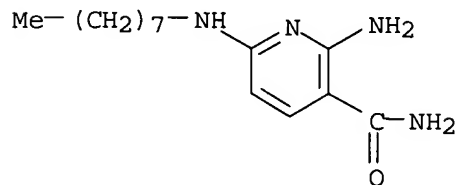
RN 67268-30-8 CAPLUS

CN 3-Pyridinecarboxamide, 6-amino-2-(octylamino)-, monohydrochloride (9CI)
(CA INDEX NAME)



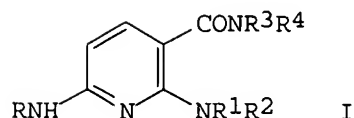
HCl

RN 67268-31-9 CAPLUS

CN 3-Pyridinecarboxamide, 2-amino-6-(octylamino)-, monohydrochloride (9CI)
(CA INDEX NAME)

● HCl

GI



AB Nicotinamides (I; R, R1, R2, R3, R4 = H or aliph., cycloaliph., araliph., or aryl residue; R1 and R2 or R3 and R4 can form a ring contg. N) were prepd. and used as coupling components in azo dye manuf. Thus, 2,6-dichloronicotinonitrile [40381-90-6] was heated with n-butylamine [109-73-9] to give I (R = R1 = R3 = Bu, R2 = R4 = H) [67268-32-0]. The other I were similarly prepd.

L3 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1978:135982 CAPLUS

DN 88:135982

TI Reexamination of the application of linear free energy relationships to the azaheterocyclic systems. I. Substituent effects on the basicity of monocyclic azines

AU Tomasiak, P.; Zalewski, R.

CS Dep. Org. Chem., Pedagog. Univ., Czestochowa, Pol.

SO Chemicke Zvesti (1977), 31(2), 246-53

CODEN: CHZVAN; ISSN: 0366-6352

DT Journal

LA English

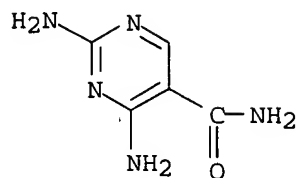
IT 66131-74-6

RL: PRP (Properties)

(basicity of, substituent effect on)

RN 66131-74-6 CAPLUS

CN 5-Pyrimidinecarboxamide, 2,4-diamino- (6CI, 9CI) (CA INDEX NAME)



AB The basicities of pyridines, pyrimidines, pyridazines, and pyrazines (180 compds.) were correlated with substituent effects by Hammett and Taft equations. Limitations of the LFER are discussed.

L3 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1976:107087 CAPLUS

DN 84:107087

TI Coupling components for azo dyes

PA BASF A.-G., Fed. Rep. Ger.

SO Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 15

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PI	JP 49094677	A2	19740909	JP 1972-125836	19721216
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PATENT FAMILY INFORMATION:

FAN 1972:553904

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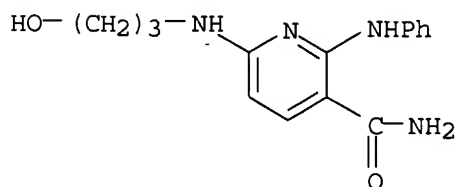
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	(prepn. of)				
RN	58445-82-2 CAPLUS				
CN	3-Pyridinecarboxamide, 6-[(3-hydroxypropyl)amino]-2-(phenylamino)- (9CI)				
	(CA INDEX NAME)				



GI For diagram(s), see printed CA Issue.

AB Coupling components I (R, R₃ = alkyl, cycloalkyl, aryl, or O-contg. aliph. groups; R₁ = H, alkyl; R₂ = CN, CONH₂) for azo dyes are prepd. by reaction of chloropyridine derivs. II (R₄ = Cl, RNH) with R₃NH₂. Thus, 187 parts II (R₁ = Me, R₂ = CN, R₄ = Cl) [875-35-4] in 500 parts MeOH was heated 5-6 hr at 40-5.degree. with 80 parts HOCH₂CH₂CH₂NH₂ [141-43-5] in the presence of 100 parts Et₃N, dild. with 1000 parts H₂O and acidified with 50 parts concd. HCl to give 210 parts II (R₁ = Me, R₂ = CN on left, R₄ = NHCH₂CH₂OH) [52982-62-4] contg. traces of its isomer, as a colorless powder. This powder (125 parts) was stirred 6 hr with 300 parts MeOCH₂CH₂NH₂ [109-85-3] to give I (R = CH₂CH₂OMe, R₁ = Me, R₂ = CN, R₃ = CH₂CH₂OH) [38841-87-1] contg. traces of its isomer. By similar means an addnl. 42 II (R₂ = Cn), 14 II (R = CONH₂), 272 I (R₂ = CN), and 67 I (R₂ = CONH₂) were prepd. I (R = MeOCH₂CH₂, R₁ = Me, R₂ = CN, R₃ = CH₂CH₂Ph) [58445-83-3] was hydrolyzed with 90% H₂SO₄ at 80-100.degree. for 6-8 hr to

give I (R, R1, R3 unchanged, R2 = CONH2) [52981-95-0], which coupled with diazotized p-O2NC6H4NH2 to give a red dye.

L3 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
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 DN 78:30463
 TI Aminocyanopyrazines
 IN Donald, Dennis Scott
 PA du Pont de Nemours, E. I., and Co.
 SO Ger. Offen., 49 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 2

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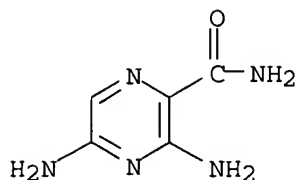
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	US 3814757	A	19740604	US 1972-232207	19720306
				US 1971-133724	19710413
	FR 2132870	A5	19721124	FR 1972-12786	19720412
				US 1971-133724	19710413

IT 39870-67-2P

RL: PREP (Preparation)
 (prepn. of)

RN 39870-67-2 CAPLUS

CN Pyrazinecarboxamide, 3,5-diamino- (9CI) (CA INDEX NAME)



AB Twenty-three title compds. [I, R = CN, NH₂, NMe₂, OMe, NHMe, NHCH₂CH:CH₂, NMePh, or 1-piperazinyl; R₁ = R, NHCH₂Ph, NPh, OCH₂Me, or CH₂NO₂.NEt₃; R₂ = R₃ or H; R₃ = CN, CONH₂, or CO₂H] were prepd., used as fluorescent brighteners, hardeners for epoxy resins, or intermediates for polymers, and useful as intermediates for diuretics. Thus, HN:C(CN)C(CN):NH reacted successively with p-MeC₆H₄SO₃H.H₂O and H₂NC(CN):C(CN)NH₂ to give 25.4% tetracyanopyrazine (II) [33420-37-0]. II reacted with Me₂NH in THF at 0.deg. to give 92.7% 2-(dimethylamino)-3,5,6-tricyanopyrazine [38050-94-1]. This gave on treatment with NH₃ in THF 89% 2-(dimethylamino)-3,5-dicyano-6-aminopyrazine [38050-95-2]. I (R = R₁ = 1-piperazinyl, R₂ = R₃ = CN) was copolymerized with, e.g., 2,4-(OCN)C₆H₃Me to give 2,6-dipiperazinyl-3,5-dicyanopyrazine-2,4-diisocyanatotoluene copolymer [37953-12-1].

L3 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1971:87927 CAPLUS

DN 74:87927

TI Synthesis of as-triazines and pyrimido[4,5-e]-as-triazines (6-azapteridines)

AU Taylor, Edward Curtis; Martin, Stephen F.

CS Dep. Chem., Princeton Univ., Princeton, NJ, USA

SO Journal of Organic Chemistry (1970), 35(11), 3792-5

CODEN: JOCEAH; ISSN: 0022-3263

DT Journal

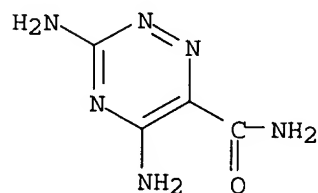
LA English

IT 1501-48-0P

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)

RN 1501-48-0 CAPLUS

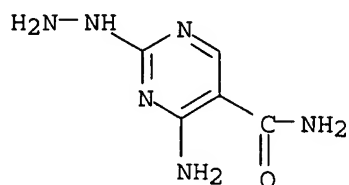
CN as-Triazine-6-carboxamide, 3,5-diamino- (7CI, 8CI) (CA INDEX NAME)



AB Synthesis of as-triazines was developed which involves Michael addn. of diethyl azodicarboxylate with acyclic enamines, followed by base-catalyzed ring closure. By an appropriate choice of the enamine, as-triazines suitably substituted for subsequent annelation of a fused pyrimidine ring may be prepd. Synthesis is described of a no. of pyrimido[4,5-e]-as-triazines (6-azapteridines). including 2-methylisofervenuone and 3,6,8-triaminopyrimido[4,5-e]-as-triazine, by this route.

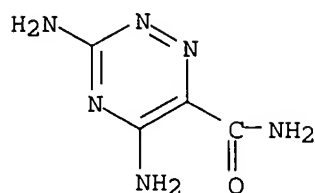
L3 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1970:477192 CAPLUS
DN 73:77192
TI Synthesis of s-triazolo[a]pyrimidopyrimidines
AU Muehlstaedt, Manfred; Krausmann, H.; Fischer, Gerhard
CS Sekt. Chem., Karl-Marx-Univ., Leipzig, Fed. Rep. Ger.
SO Journal fuer Praktische Chemie (Leipzig) (1970), 312(2), 254-62
CODEN: JPCEAO; ISSN: 0021-8383
DT Journal
LA German
IT **28524-51-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 28524-51-8 CAPLUS
CN 5-Pyrimidinecarboxamide, 4-amino-2-hydrazino- (8CI) (CA INDEX NAME)



GI For diagram(s), see printed CA Issue.
AB 2-Hydrazino-5-hydroxypyrimido[4,5-d]pyrimidine (I), from 2-ethylthio-5-hydroxypyrimido[4,5-d]pyrimidine and N2H4, cyclized with AcOCH(OEt)2 to an inseparable mixt. of 6-hydroxy-s-triazolo[4,3-a]pyrimido[4,5-e]pyrimidine (II) and 6-hydroxy-s-triazolo[4,3-a]pyrimido[4,5-d]pyrimidine (III). Similarly, treatment of I with HCO2H gave 6-hydroxy-s-triazolo[1,5-a]pyrimido[4,5-d]pyrimidine (IV) and 6-hydroxy-s-triazolo[1,5-a]pyrimido[4,5-e]pyrimidine (V). II and III were the 1st products of this reaction also and underwent Dimroth rearrangement to IV and V. IV was also prepd. by condensing 3-amino-1,2,4-triazole with EtOCH:C(CN)2 followed by hydrolysis and treatment with HCONH2. Concd. H2SO4 hydrolysis of 7-amino-6-cyano-s-triazolo[1,5-a]pyrimidine gave 6-carboxamido-7-amino-s-triazolo[4,3-a]pyrimidine.

L3 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1965:403332 CAPLUS
DN 63:3332
OREF 63:604c-e
TI A synthesis of pyrimido[4,5-e]-as-triazines (6-azapteridines)
AU Taylor, Edward C.; Morrison, Robert W., Jr.
CS Princeton Univ., Princeton, NJ
SO Journal of the American Chemical Society (1965), 87(9), 1976-9
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English
IT **1501-48-0**, as-Triazine-6-carboxamide, 3,5-diamino-
(prepn. of)
RN 1501-48-0 CAPLUS
CN as-Triazine-6-carboxamide, 3,5-diamino- (7CI, 8CI) (CA INDEX NAME)



AB cf. CA 61, 1866b. Condensation of dibromomalononitrile (as its potassium bromide complex) with aminoguanidine bicarbonate has been shown to give 3,5-diamino-6-aminocarbonyl-as-triazine, which has been cyclized to derivatives of pyrimido[4,5-e]-as-triazine by the use of appropriate one-carbon reagents. The structure of the cyclization product with diethyl carbonate, 3-amino-6,8-dioxo-5,6,7,8-tetrahydropyrimido[4,5-e]-as-triazine, was confirmed by an independent synthesis from alloxan and aminoguanidine to give alloxan .beta.-guanyl hydrazone, followed by careful cyclization with dilute ammonium hydroxide. Attempts to prepare a derivative of the pyrimido[4,5-e]-as-triazine system by hydrogen sulfide reduction of 2-phenyl-4,6-diamino-5-phenylazopyrimidine (I) to the hydrazo stage, followed by cyclization with triethyl orthoformate, or by hydrogen sulfide reduction of the formyl derivative of I, led only to 2-phenyladenine.

L3 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1965:51646 CAPLUS

DN 62:51646

OREF 62:9131f-g

TI Pteridine studies. XXIX. The methylation of 7-amino- and 4,7-diamino-pteridine

AU Brown, D. J.; Jacobsen, N. W.

CS Australian Natl. Univ., Canberra

SO Journal of the Chemical Society, Abstracts (1965), (Feb.), 1175-82
CODEN: JCSAAZ; ISSN: 0590-9791

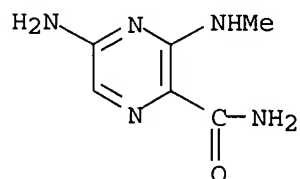
DT Journal

LA English

IT 704-46-1, Pyrazinecarboxamide, 5-amino-3-(methylamino)-
(prepn. of)

RN 704-46-1 CAPLUS

CN Pyrazinecarboxamide, 5-amino-3-(methylamino)- (7CI, 8CI, 9CI) (CA INDEX NAME)

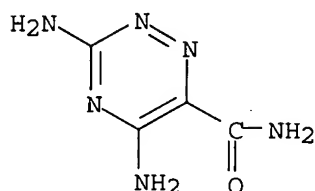


GI For diagram(s), see printed CA Issue.

AB cf. CA 62, 6487e. Methylation of 7-aminopteridine gave a mixt. of 1- and 3-Me derivs. (I and II), which were degraded for structural purposes to appropriate pyrazinecarboxaldehydes. 4,7-Diaminopteridine gave only 4(7)-amino-1,7(1,4)-dihydro-7(4)-imino-1-methylpteridine, the first iminopteridine to be isolated as a stable solid (free base). Remethylation of this (free) imine gave a 4-methylimino derivative which

was a unique example of direct extranuclear N-methylation in this series. The degradation of the imines and the unambiguous syntheses of the products via 5-cyanomethylaminopyrimidines were described. Ionization consts. and uv spectra of the pteridines and other relevant compds. were recorded and discussed.

L3 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1964:411357 CAPLUS
DN 61:11357
OREF 61:1866b-d
TI Synthesis of pyrimido[4,5-e]-as-triazines (6-azapteridines)
AU Taylor, E. C.; Morrison, Robert W.
CS Princeton Univ., Princeton, NJ
SO Angew. Chem. (1964), 76(8), 342-3
DT Journal
LA Unavailable
IT 1501-48-0, as-Triazine-6-carboxamide, 3,5-diamino-
(prepn. of)
RN 1501-48-0 CAPLUS
CN as-Triazine-6-carboxamide, 3,5-diamino- (7CI, 8CI) (CA INDEX NAME)



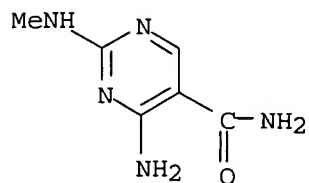
GI For diagram(s), see printed CA Issue.
AB The pyrimido[4,5-e]-as-triazine (6-azapteridine) ring system was synthesized by 2 independent methods. [Br2C(CN2)]4-KBr with H2NNHC(:NH)NH2.H2CO3 (I) in EtOH yielded H2NCOC(CN): NNHC(:NH)NH2 which heated in H2O, HCONMe2, or EtOCH2CH2OH gave 3,5-diamino-6-aminocarbonyl-1,2,4-triazine (II). II with OC(OEt)2 in the presence of NaOEt-EtOH yielded III, m. 360.degree.. II with HCONH2, AcNH2, or AcOEt gave similarly IV (R = H and Me, resp.). Alloxan with I gave V which was cyclized to III in dil. NH4OH.

L3 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1961:33107 CAPLUS
DN 55:33107
OREF 55:6489c-i,6490a-i,6491a-c
TI Pyrimido[4,5-d]pyrimidines. I
AU Taylor, Edward C., Jr.; Knopf, R. J.; Meyer, R. F.; Holmes, Ann; Hoefle, M. L.
CS Parke Davis and Co., Detroit, MI
SO Journal of the American Chemical Society (1960), 82, 5711-18
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable
IT 98197-53-6, 5-Pyrimidinecarboxamide, 4-amino-2-methylamino-
98335-79-6, 5-Pyrimidinecarboxamide, 4-amino-2-(2-hydroxyethylamino)-
99844-93-6, 5-Pyrimidinecarboxamide, 4-amino-2-anilino-
104621-86-5, 5-Pyrimidinecarboxamide, 4-amino-2-benzylamino-
104912-31-4, 5-Pyrimidinecarboxamide,

4-amino-2-(o-chlorobenzylamino)- **105695-84-9**,
5-Pyrimidinecarboxamide, 4-amino-2-hexylamino-
(prepn. of)

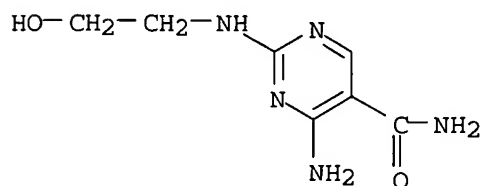
RN 98197-53-6 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-amino-2-methylamino- (6CI) (CA INDEX NAME)



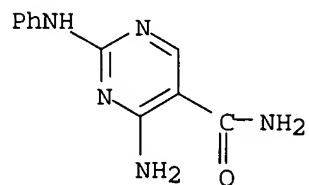
RN 98335-79-6 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-amino-2-(2-hydroxyethylamino)- (6CI) (CA INDEX NAME)



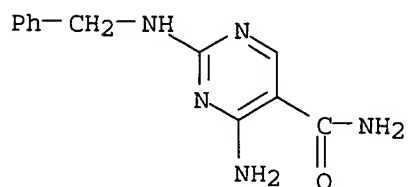
RN 99844-93-6 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-amino-2-anilino- (6CI) (CA INDEX NAME)



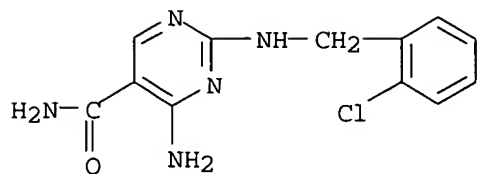
RN 104621-86-5 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-amino-2-benzylamino- (6CI) (CA INDEX NAME)



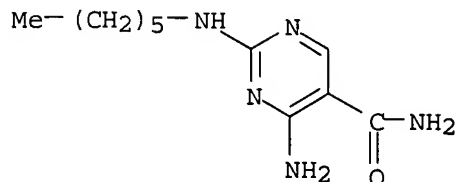
RN 104912-31-4 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-amino-2-(o-chlorobenzylamino)- (6CI) (CA INDEX NAME)



RN 105695-84-9 CAPLUS

CN 5-Pyrimidinecarboxamide, 4-amino-2-hexylamino- (6CI) (CA INDEX NAME)



AB A no. of pyrimido[4,5-d]pyrimidines were prepd. as potential diuretic agents. NaOMe (10.8 g.) in 200 cc. abs. EtOH and 50 g. O-methylisourea p-toluenesulfonate stirred 15 min., treated with 24.4 g. EtOCH:C(CN)₂ in 2-g. portions, the mixt. stirred 1 hr. at room temp., refluxed 1 hr., cooled, filtered, and the residue reprecipitated from 100 cc. cold 2N HCl with concd. NH₄OH gave 2-methoxy-4-amino-5-cyanopyrimidine, m. 221-2.degree. (EtOH). Formamidine-HCl (8.05 g.) and 2.5 g. Na in 100 cc. abs. EtOH stirred 15 min. at room temp., filtered, treated with 13.6 g. methylethoxymethylenemalononitrile (I), the mixt. heated 10 min. on the steam bath, and cooled gave 8.4 g. 4-amino-5-cyano-6-methylpyrimidine (II), m. 217-19.degree. (EtOH). (H₂N)₂CS (7.6 g.) added to 2.5 g. Na in 100 cc. abs. EtOH, the mixt. warmed to soln., cooled to 40.degree., treated with stirring with 13.6 g. I in small portions, heated 1 hr. on the steam bath, cooled, the pptd. Na salt dissolved in 200 cc. H₂O, treated with stirring with 10 g. MeI, and filtered gave 9.4 g. 2-MeS deriv. of II, pale yellow needles, m. 238-40.degree. (EtOH). 2-Ethylthio-4-amino-5-cyanopyrimidine (III) (54.0 g.) in 177 g. PrNH₂ refluxed 18 hrs. and evapd. gave 40.2 g. 2-propylamino-4-amino-5-cyanopyrimidine, m. 167-9.degree. (EtOH). III (10.0 g.), 25 cc. 25% aq. MeNH₂, and 40 cc. EtOH heated 3 hrs. in an autoclave at 130.degree. and cooled yielded 5.7 g. 2-methylamino-4-amino-5-cyanopyrimidine (IV). III (20.0 g.), 50 cc. PhNH₂, and 2 drops concd. HCl heated 3 hrs. at 150.degree. and 1 hr. at 175.degree., cooled, suspended in 150 cc. EtOH, and filtered gave 17.3 g. 2-PhNH analog of IV, yellow solid, m. 234-5.degree.. Similarly were prepd. the following 2-substituted-4-amino-5-cyanopyrimidines (2-substituent, % yield, and m.p. given): piperidino, 25, 212-13.degree.; 4-methylpiperazino, 49, 179.degree.; CH₂:CHCH₂NH, 43, 171-2.degree.; Me₂NCH₂CH₂NH, 55, 179-80.degree.; C₆H₁₃NH, 44, 134-5.degree.; cyclohexylamino, 53, 182-3.degree.; PhCH₂NH, 57, 177-9.degree.; o-ClC₆H₄CH₂NH, 40, 185-7.degree.. All the compds. were recrystd. from EtOH. IV (12.5 g.) added in portions below 30.degree. to 40 cc. concd. H₂SO₄, the mixt. kept 2 hrs. at room temp., poured into 150 g. crushed ice, filtered, the residue dissolved in 150 cc. boiling H₂O, and neutralized with concd. NH₄OH gave 9.6 g. 2-methylamino-4-aminopyrimidine-5-carboxamide (V), m. 268-70.degree.. Similarly were prepd. the following 2-substituted-4-aminopyrimidine-5-carboxamides (2-substituent, % yield, and m.p. given): C₆H₁₃NH, 88.degree., 155.degree. (EtOH); PhCH₂NH, 62, 180-1.degree. (EtOH); o-ClC₆H₄CH₂NH, 71,

196-8.degree. (EtOH); Me₂N, 76, 289-90.degree. (H₂O); PhNH, 89, 246-7.degree. (H₂O); 4-methylpiperazino, 65, 222-3.degree. (H₂O). 2,4-Diamino-6-methylpyrimidine-5-carboxamide, 74%, m. 240-1.degree. (H₂O). 2-Ethylthio-4-aminopyrimidine-5-carboxamide (20 g.) and 35 cc. H₂NCH₂CH₂OH heated 4 hrs. at 110-15.degree., dild. with 100 cc. H₂O, cooled, and filtered gave 12.2 g. 2-(2-hydroxyethylamino)-4-aminopyrimidine-5-carboxamide, m. 230.degree. (H₂O). 2,4-Diamino-5-cyanopyrimidine (VI) (27 g.) and 100 g. HCONH₂ refluxed 0.5 hr., cooled, dild. with 100 cc. EtOH, filtered, the residue dissolved in 400 cc. hot N HCl, and repptd. with concd. NH₄OH gave 15.1 g. 2,5-diaminopyrimido[4,5-d]pyrimidine-H₂O, light tan, m. above 300.degree.. Similarly were prepd. 5-aminopyrimido[4,5-d]pyrimidine (VII), 16%, m. above 360.degree. (sublimed), and the following 2-substituted derivs. of VII (2-substituent, % yield, and m.p. given): Ph, 25, above 300.degree. (EtOH); 4-methylpiperazino, 70, above 300.degree. (EtOH); piperidino, 29, above 300.degree. (EtOH); Me₂NHCl.H₂O, 58, above 300.degree. (H₂O); PhCH₂NH, 7, 285-7.degree. (EtOH); C₆H₁₃NH, 23, 276-8.degree. (EtOH); MeS, 19, above 300.degree. (sublimed). H₂NC(:NH)NH₂.HCl (VIII) (9.6 g.), 13.5 g. VI, and 5.4 g. NaOMe in 200 cc. Ethyl Cellosolve refluxed 20 hrs. with stirring, filtered, the crude residue (16.5 g.) washed with 100 cc. warm H₂O, and recrystd. from 600 cc. H₂O contg. 20 cc. concd. HCl gave 9.1 g. 2,4,7-triaminopyrimido[4,5-d]pyrimidine, m. above 300.degree.. Similarly were prepd. the following 7-substituted derivs. of 2,4-diaminopyrimido[4,5-d]pyrimidine (7-substituent, % yield, and m.p. given): H, 78, above 300.degree. (H₂O); MeNH.HCl.0.5H₂O, 35, above 300.degree. (H₂O); PrNH, 92, 309-10.degree. (EtOH); C₆H₁₃NH, 72, 272-3.degree. (EtOH); HOCH₂CH₂NH, 33, above 300.degree. (H₂O); Me₂N, 61, above 300.degree. (EtOH); piperidino, 50, above 300.degree. (Ethyl Cellosolve); (HOCH₂CH₂)₂N, 74, 285.degree. (EtOH); PhCH₂NH, 73, 294-5.degree. (EtOH); PhNH, 78, above 300.degree.; H₂NNH, 88, above 300.degree. (H₂O); EtS, 40, above 300.degree. (Ethyl Cellosolve); Ph, 94, above 300.degree. (Ethyl Cellosolve); Me, 74, above 300.degree. (H₂O). PhC(:NH)NH₂.HCl (15.5 g.) and 18.0 g. III refluxed 24 hrs. with stirring with 5.4 g. NaOMe in 200 cc. abs. EtOH, refluxed 24 hrs. with stirring, filtered hot, evapd., and the residual gum treated with 100 cc. H₂O gave 4.6 g. 2-phenyl-4-amino-7-ethylthiopyrimido[4,5-d]pyrimidine (IX), m. 226-8.degree. (EtOH). MeC(:NH)NH₂.HCl (9.5 g.) and 18.0 g. III refluxed 24 hrs. with 5.4 g. NaOMe in 200 cc. abs. EtOH gave similarly 5.5 g. 2-Me analog of IX, m. 279-80.degree. (Ethyl Cellosolve). 2-Methylamino-4-aminopyrimidine-5-carboxamide (9.6 g.) and 25 cc. HCONH₂ refluxed 0.5 hr., cooled, dild. with 75 cc. EtOH, and filtered gave 5.7 g. 2-methylamino-5-hydroxypyrimido[4,5-d]pyrimidine, m. above 300.degree. (glacial AcOH). Similarly were prepd. the following 2-substituted-5-hydroxypyrimido[4,5-d]pyrimidines (2-substituent, % yield, and m.p. given): PrNH, 72, 295-6.degree. (AcOH); CH₂:CHCH₂NH, 58, 278-80.degree. (H₂O); Me₂N, 28, above 300.degree. (AcOH); o-ClC₆H₄CH₂NH, 71, above 300.degree. (AcOH); PhNH, 23, above 300.degree. (AcOH). V (100 g.) in 500 cc. HC(OEt)₃ refluxed 3 hrs., concd., and cooled gave 81 g. 2-ethylthio-5-hydroxypyrimido[4,5-d]-pyrimidine, m. 244-6.degree. (glacial AcOH). 2,4-Diaminopyrimidine-5-carboxamide (14.0 g.) and 100 cc. (EtCO)₂O refluxed 1 hr., cooled, and filtered gave 18 g. 2-ethyl-4-hydroxy-7-propionylaminopyrimido[4,5-d]pyrimidine (X). The X refluxed 1 hr. with 3.5 g. H₂O in 200 cc. H₂O, cooled, and filtered gave 9.5 g. 7-NH₂ analog (XI) of X, m. above 330.degree. (glacial AcOH). Similarly was prepd. with (PrCO)₂O the Pr analog of XI, 52%, m. above 300.degree. (EtOH). In the same manner were prepd. with Ac₂O the 2-Me analog (XII) of XI, 78%, m. above 300.degree. (AcOH), the Am analog, 35%, m. 295-300.degree. (50% aq. EtOH), with (AmCO)₂O, and the 5-Me deriv. of XII, 74%, m. above 300.degree. (AcOH), with Ac₂O. In the same manner were prepd. with Ac₂O

the following 7-substituted 2-methyl-4-hydroxypyrimido[4,5-d]pyrimidines (7-substituent, % yield, and m.p. given): HOCH₂CH₂NH, 44, above 300.degree. (H₂O); PrNH, 18, 294-5.degree. (EtOH); C₆H₁₃NH, 23, 267-8.degree. (EtOH); Me₂N, 26, 275-6.degree. (EtOH); PhCH₂NH 62, above 300.degree. (AcOH); PhNH, 62, above 300.degree. (EtOH); EtS, 75, 247-8.degree. (EtOH); Me, 72, 310-15.degree. (MeOH); MeS, 57, 288-90.degree. (MeOH). Powd. VIII (30 g.) and 16.8 g. NaOMe in 200 cc. abs. EtOH stirred 0.5 hr. at room temp., filtered, cooled to 5-10.degree., treated dropwise with 2-ethylthio-4-chloro-5-carbethoxypyrimidine, the mixt. stirred 2 hrs. at room temp., concd. in vacuo, added to 150 cc. warm H₂O, filtered, and neutralized with glacial AcOH gave 18.2 g. 2-amino-4-hydroxy-7-ethylthiopyrimido[4,5-d]pyrimidine (XIII), m. above 300.degree. (glacial AcOH). XIII (5 g.) in 20 cc. 25% aq. MeNH₂ and 30 cc. H₂O heated 4 hrs. in an autoclave at 140.degree. and cooled gave 3.5 g. 7-MeNH analog of XIII, m. above 300.degree.. 2-Benzylamino-5-hydroxypyrimido[4,5-d]pyrimidine (14.2 g.) and 13.6 g. P₂S₅ in 130 cc. C₅H₅N refluxed 4 hrs., cooled, and filtered gave 12.0 g. 2-benzylamino-5-mercaptopyrimido[4,5-d]pyrimidine (XIV), bright yellow, m. 290-1.degree. (EtOH); the filtrate dild. with 200 cc. H₂O gave an addnl. 3.2 g. XIV. XIV (5 g.), 10 cc. PrNH₂, and 50 cc. EtOH heated 4 hrs. at 140.degree. in an autoclave gave 1.7 g. 5-PrNH analog of XIV, m. 290-1.degree. (EtOH). 2-Ethylthio-5-hydroxypyrimido[4,5-d]pyrimidine (XV) (100 g.), 110 g. P₂S₅, and 500 cc. C₅H₅N refluxed 3 hrs. with stirring, evapd. in vacuo, the residue dissolved in 1 l. 5% aq. NaOH, and pptd. with AcOH gave 112 g. golden yellow 5-MeNH analog (XVI) of XV, m. 280-3.degree. (EtOH). Similarly were prepd. 2-methylthio-5-mercaptopyrimido[4,5-d]pyrimidine (XVII), 75%, m. 290-7.degree. (C₅H₅N), and the 7-Me deriv. (XVIII) of XVII, 28%, darkened at 260.degree. (MeOH). XVI (12.5 g.) and 14 g. 25% aq. MeNH₂ in 300 cc. H₂O refluxed 0.5 hr. and cooled gave 2.65 g. 2-ethylthio-5-methylaminopyrimido[4,5-d]pyrimidine (XIX), m. 275-80.degree. (iso-PrOH). XIX (1 g.) and 30 cc. EtOH (satd. with NH₃) heated 5 hrs. at 135.degree. in an autoclave gave 0.5 g. 2-amino-5-methylaminopyrimido[4,5-d]pyrimidine, m. above 330.degree. (aq. EtOH). XVIII (0.4 g.) and 15 cc. 7.5% aq. Na₂CO₃ heated to 35-40.degree., treated with 0.5 cc. Me₂SO₄, stirred until homogeneous, and refrigerated overnight gave 0.32 g. 2,5-bis(methylthio)pyrimido[4,5-d]pyrimidine (XX), m. 183-5.degree. (sublimed). XX (0.07 g.) in 8 cc. abs. EtOH stirred 15 hrs. at room temp. gave 0.075 g. 5-PhCH₂NH analog of XX, m. 278-80.degree. (50% EtOH). By the same method as XIX were prepd. the following 2,5-disubstituted-pyrimido[4,5-d]pyrimidines (2- and 5-substituents, % yield, and m.p. given): PhCH₂NH, CH₂:CHCH₂NH, 41, 274-5.degree. (EtOH); EtS, PhCH₂NH, 35, 231-2.degree. (iso-PrOH); EtSH, furfurylamino, 52, 219-20.degree. (iso-PrOH); EtS, PhNH, 32, 250-5.degree. (EtOH). With HC(OEt)₃ and Ac₂O was prepd. 2-methylthio-5-hydroxypyrimido[4,5-d]pyrimidine, 72%, m. 225-9.degree. (H₂O).

L3 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1961:2816 CAPLUS

DN 55:2816

OREF 55:589e-i,590a-b

TI Pyrimido[4,5-d]pyrimidines

IN Hoefle, Milton L.; Meyer, Robert F.

PA Parke, Davis & Co.

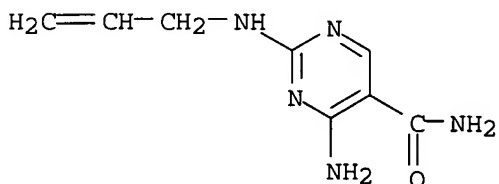
DT Patent

LA Unavailable

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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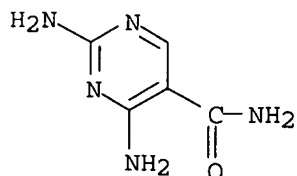
PI US 2949466 19600816 US
 DE 1085884 DE
 GB 854959 GB
 IT **108372-87-8**, 5-Pyrimidinecarboxamide, 2-(allylamino)-4-amino-
 (prepn. of)
 RN 108372-87-8 CAPLUS
 CN 5-Pyrimidinecarboxamide, 2-(allylamino)-4-amino- (6CI) (CA INDEX NAME)



AB 2,4-Diamino-5-cyanopyrimidine 27 and formamide 100 was refluxed 0.5 hr., cooled, EtOH 100 parts added, the ppt. filtered off, and purified (HCl, NH₃, and then H₂O) to produce 2,5-diaminopyrimido[4,5]pyrimidine, m. above 300.degree.. Similarly prepd. were the following R-substituted pyrimido [4,5-d] pyrimidines (R and m.p. given): 2-amino-5-hydroxy, above 300.degree.; 2-amino-5,7-dihydroxy, above 300.degree.; 2-amino-5-hydroxy-7-methyl, above 310.degree.; 5-amino-2-(methylamino), above 300.degree. (HCl salt); 2-methylamino-5-hydroxy, above 300.degree.; 2-allylamino-5-hydroxy, 278-80.degree. (from 4-amino-2-allylamino-5-pyrimidine carboxamide, m. 222-3.degree.); 2-anilino-5-hydroxy, -; 5-amino-2-(dimethylamino), above 300.degree. (HCl salt monohydrate); 2-dimethylamino-5-hydroxy, above 300.degree.; 5-amino-2-piperidino, above 300.degree.; 5-amino, above 310.degree.; 7-amino-5-hydroxy-2-(ethylthio), above 300.degree.; 7-amino-2-methylamino-5-hydroxy, above 300.degree.; 2,7-bis(ethylamino)5-hydroxy, above 300.degree.; 5-amino-2-(benzylamino), 285-7.degree.; 2-(benzylamino)-5-hydroxy, 294-5.degree.; 2-(o-chlorobenzylamino)-5-hydroxy, 290.degree.; 5-amino-2-(benzylamino), -; 2-amino-5-(methylamino), above 300.degree.; 2-amino-5-(benzylamino), 320.degree.; 2-(ethylthio)-5-(furfurylamino), 219-20.degree.; 5,7-diamino-2-(methylamino), above 300.degree.; 2,5,7-triamino, above 300.degree. (HCl salt monohydrate); 5,7-diamino-2-anilino, above 300.degree.; 5,7-diamino-2-piperidino, above 300.degree.; 5,7-diamino-2-(benzylamino), 294-5.degree.; 5,7-diamino-2-(dimethylamino), above 300.degree.; 5-amino-7-methyl-2-(ethylthio), 279-80.degree.; 2-dimethylamino-5-hydroxy-7-methyl, 275-6.degree.; 2-anilino-5-hydroxy-7-methyl, above 300.degree.; 2-amino-5-hydroxy-7-ethyl, above 330.degree.; 2-amino-5-hydroxy-7-propyl, 315.degree.; 2-amino-5-(butylamino), 295-300.degree.; 2-amino-5-(propylamino), 305-7.degree.; 2,5-bis(benzylamino), 295.degree.; 2-amino-5-(morpholinoethylamino), 305.degree.. The following resulted from treating amino-5-cyanopyrimidines with formic acid or trialkylorthoformate: 2-amino-5-(methyl-amino), above 330.degree.; 2,5-bis(dimethylamino), above 330.degree.; 2-amino-5-(ethylamino), 320.degree.; 2-amino-5-(allylamino), 305.degree.; 2-amino-5-(hexylamino), above 300.degree.; 2-amino-5-(cyclohexylmethylamino), above 300.degree.; 2-amino-5-(decylamino), 270-80.degree.; 2-amino-5-[3-(2-methoxyethoxy)propylamino], 237-40.degree.; 2-amino-5-(2-hydroxyethylamino), 305-7.degree.; 2-amino-5-(3-morpholinopropylamino), 277-8.degree.; 2-amino-5-(3-phenylpropylamino), 281-3.degree.; 2-amino-5-(3-anilinopropylamino), 248-50.degree.; 2-amino-5-(phenethylamino), about 320.degree.; 2-amino-5-(o-methoxyphenethylamino), 295.degree.; 2-pyrrolidino-5-

(benzylamino), 315-20.degree.; 2-amino-5-(3-pyridylmethylamino), above 330.degree.; 2-amino-5-(p-chlorobenzylamino), 315-20.degree.; 2-amino-5-(p-diethylaminobenzylamino), 258-88.degree.; 2-amino-5-(p-methoxybenzylamino), about 315.degree.; 2-amino-5-(o-methoxybenzylamino), 300-5.degree.; 2-amino-5-(3,4-dimethoxybenzylamino), about 300.degree.; and 2-amino-5-(2,4-dimethoxybenzylamino), about 300.degree..

L3 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1958:113770 CAPLUS
 DN 52:113770
 OREF 52:20188e-i,20189a-b
 TI Synthesis of some 4-hydroxy- and 2,4-dihydroxypyrimido[4,5-d]pyrimidines
 AU Chatterjee, S. K.; Anand, Nitya
 CS Central Drug Research Inst., Lucknow
 SO Journal of Scientific & Industrial Research (1958), 17B, 63-70
 CODEN: JSIRAC; ISSN: 0022-4456
 DT Journal
 LA Unavailable
 IT 66131-74-6, 5-Pyrimidinecarboxamide, 2,4-diamino-
 (prepn. of)
 RN 66131-74-6 CAPLUS
 CN 5-Pyrimidinecarboxamide, 2,4-diamino- (6CI, 9CI) (CA INDEX NAME)



GI For diagram(s), see printed CA Issue.
 AB Acetamidine-HCl in EtOH and NaOEt with ethoxymethylenemalononitrile (I) gave RC:N.CH:CN.C(NH2):N (II) (R = Me, X = CN), m. 249.degree.. S-Ethylisothioureia-HBr with NaOEt and I gave II (R = SEt, X = CN), m. 144-5.degree.. Guanidine nitrate and NaOEt with I gave II (R = NH2, X = CN), m. above 320.degree.. II (R = SEt, X = CN) hydrolyzed with HCl gave II (R = OH, X = CN), m. above 320.degree.. Thiourea with NaOEt and I gave II (R = SH, X = CN), m. above 300.degree.. II (R = H, X = CN) (Baddiley, et al., C.A. 37, 66673), II (R = Me, X = CN), and II (R = SEt, X = CN) with alk. H2O2 gave the carboxamides (II, X = CONH2), m. 254-6.degree., 263.degree., and 220.degree., resp. II (R = SEt, X = CN), II (R = NH2, X = CN), II (R = OH, X = CN), and II (R = SH, X = CN) with cold concd. H2SO4 gave the corresponding II (X = CONH2), m. 220.degree., above 320.degree., above 320.degree., and above 320.degree., resp. II (R = H, X = CONH2) heated 2 hrs. at 140-50.degree. with Ac2O and HC(OEt)3 gave CH:N.CR1:N.C:C.N:CR2.N:COH (III) (R1 = H, R2 = H), m. 252.degree. (MeOH), .lambda. (H2O) 289, 246 m.mu., .epsilon. 6305, 1998. II (R = H, X = CONH2) refluxed 4 hrs. with NaOEt and HCO2Et gave III (R1 = H, R2 = H). II (R = Me, X = CONH2) heated with Ac2O and HC(OEt)3 gave III (R1 = Me, R2 = H), m. 293.degree. (EtOH), .lambda. (H2O) 290, 250 m.mu., .epsilon. 6885, 2106. II (R = SEt, X = CONH2) heated with Ac2O and HC(OEt)3 gave III (R1 = SEt, R2 = H), m. 238.degree. (EtOH), .lambda. (H2O) 268, 230 m.mu., .epsilon. 30160, 2288. II (R = SH, X = CONH2) heated with Ac2O and HC(OEt)3, and the product triturated with EtOH gave III (R1 = SEt, R2 = H). III (R1 = SEt, R2 = H) heated 24 hrs. at 160.degree. with EtOH satd.

with dry NH₃ gave II (R = SEt, X = CONH₂) and III (R₁ = NH₂, R₂ = H), λ (H₂O) 315, 245 m. μ ., ϵ 4319, 33904. III (R₁ = SEt, R₂ = H) heated with concd. HCl gave I (R = OH, X = CO₂H), m. 263.degree. (decompn.). 5-Carbethoxycytosine heated 8 hrs. at 190.degree. with HCONH₂ under N gave III (R₁ = OH, R₂ = H), m. above 320.degree., λ (H₂O) 280 m. μ ., ϵ 2080. II (R = OH, X = CONH₂) heated 6 hrs. at 170.degree. with HCONH₂ gave III (R₁ = OH, R₂ = H). II (X = CONH₂) refluxed with CO(OEt)₂ and NaOEt in EtOH gave III (R₂ = OH) (R₁, m.p., solvent of crystn., λ (m. μ .), and ϵ given, resp.): H, above 310.degree., H₂O, 245, 320, 20910, 5592 (shoulder at 270 m. μ .); Me, above 320.degree., repptd. from NH₃ soln. by AcOH, 245, 320, 13038, 4539 (shoulder at 270 m. μ .); SEt, 241-2.degree., EtOH, plateau from 242-254 m. μ . (0.1N NaOH); NH₂, above 320.degree., repptd., 234, 310, 37142, 12082 (0.005N NaOH); OH, above 320.degree., repptd., 230, 43200 (0.01N NaOH); SH, above 320.degree., repptd., 305, 22246 (H₂O). III (R₁ = SEt, R₂ = OH) heated 20 hrs. at 160.degree. with MeOH satd. with dry NH₃ gave III (R₁ = NH₂, R₂ = OH). III (R₁ = SEt, R₂ = OH) heated with HCl gave III (R₁ = OH, R₂ = OH). III (R₁ = SH, R₂ = OH) with EtBr and NaOEt gave III (R₁ = SEt, R₂ = OH).

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

108.17

256.93

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-13.67

-13.67

STN INTERNATIONAL LOGOFF AT 10:14:28 ON 29 AUG 2003